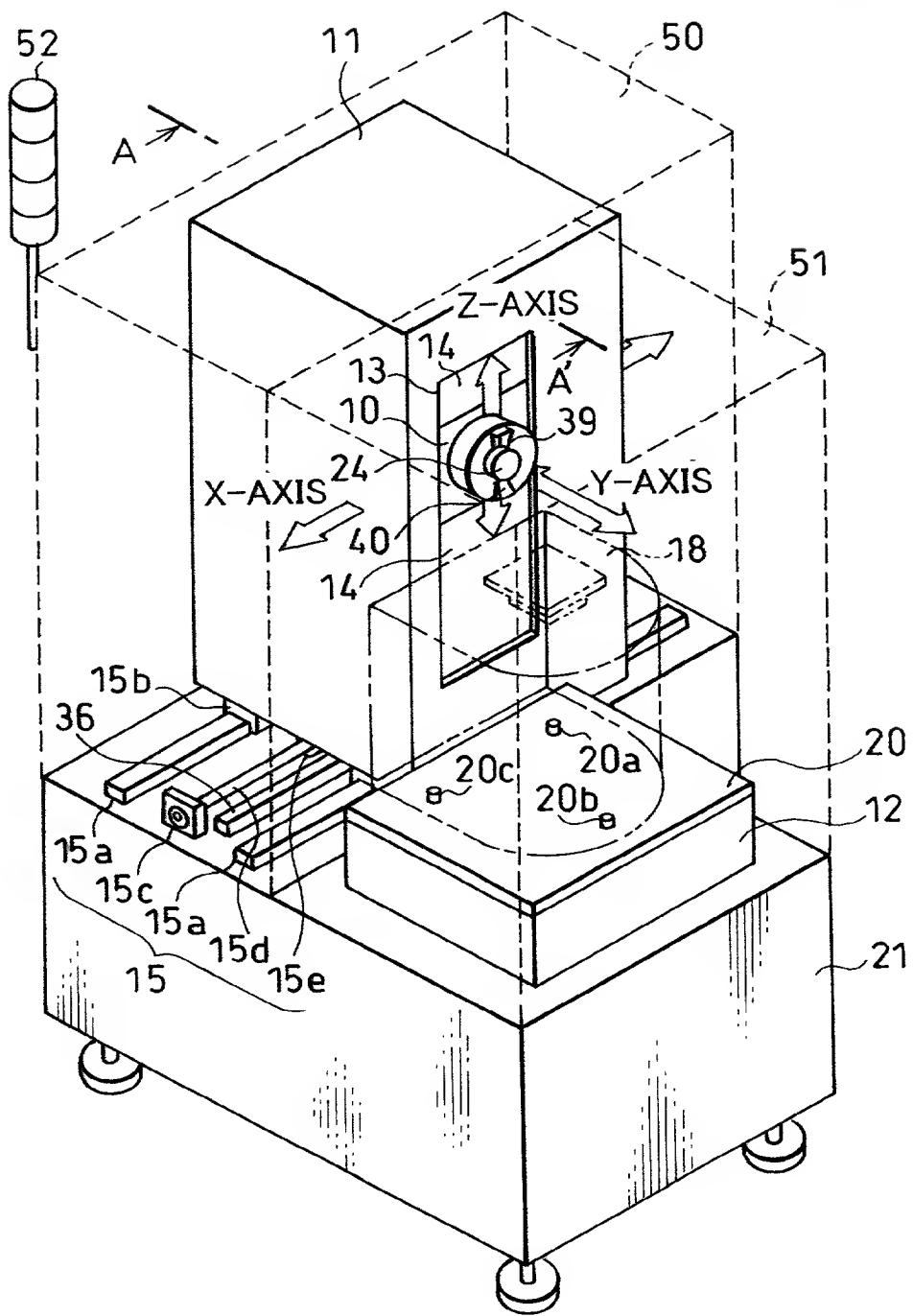


FIG.1

110



## FIG.2

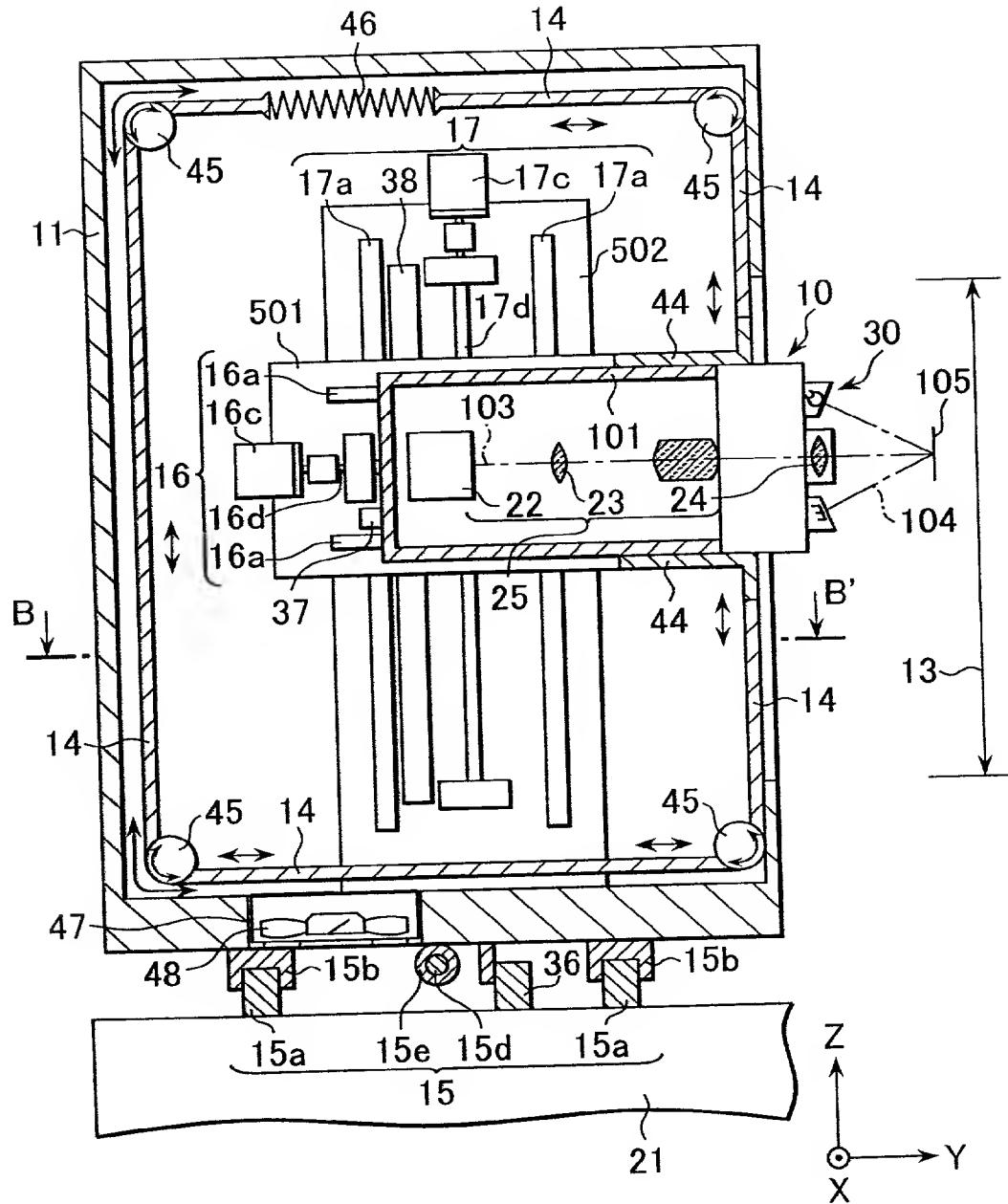


FIG.3

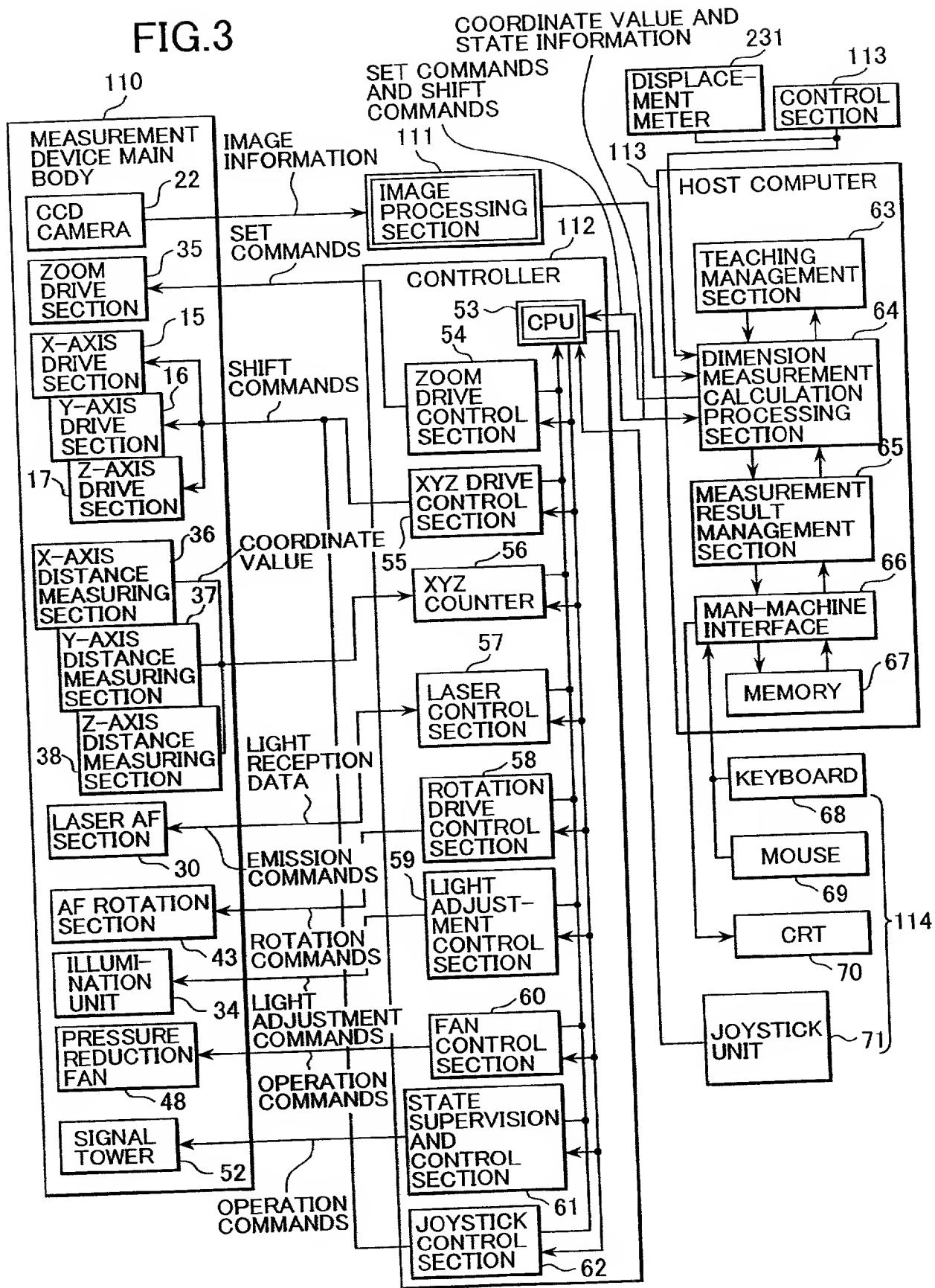


FIG. 4

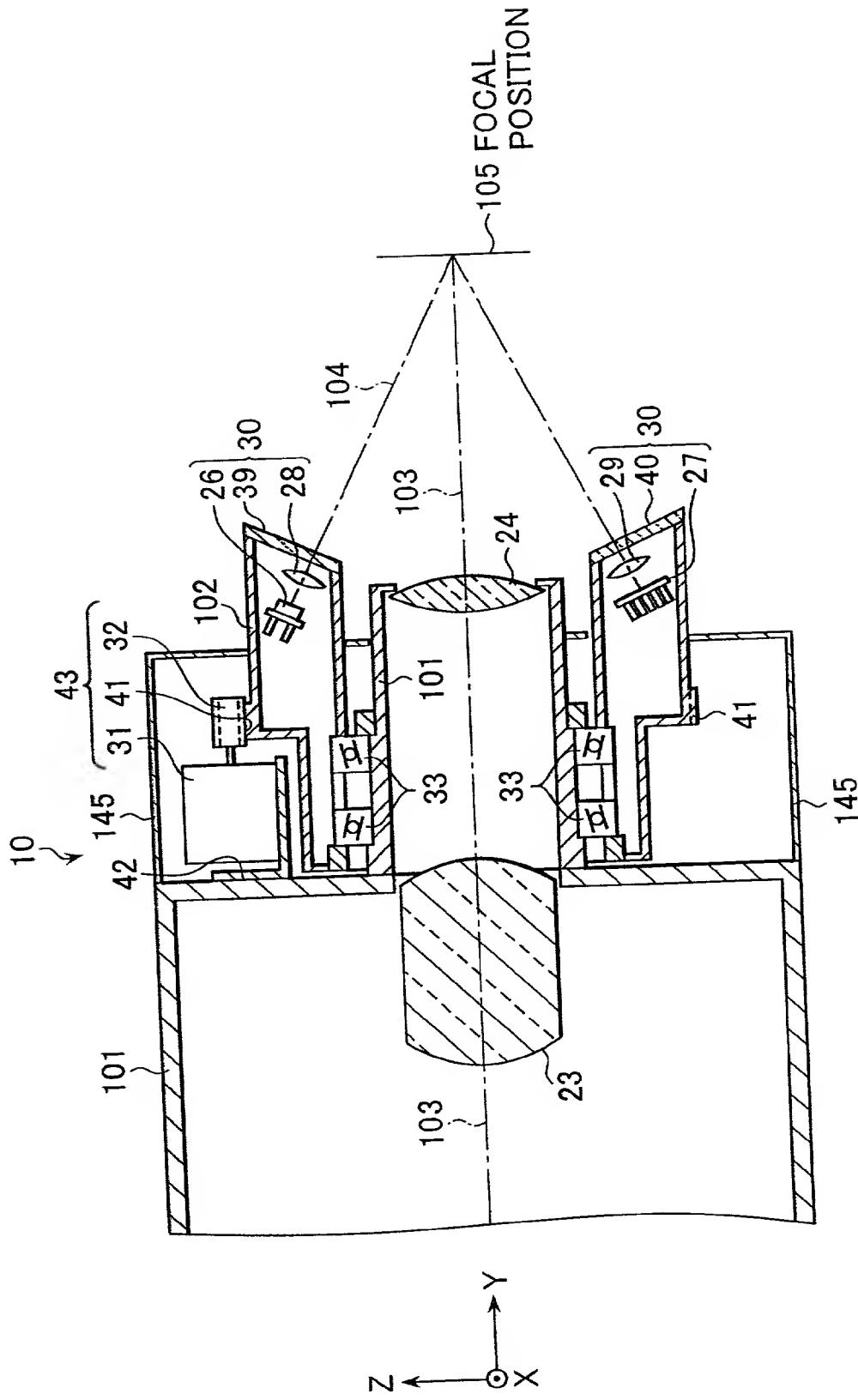


FIG.5A

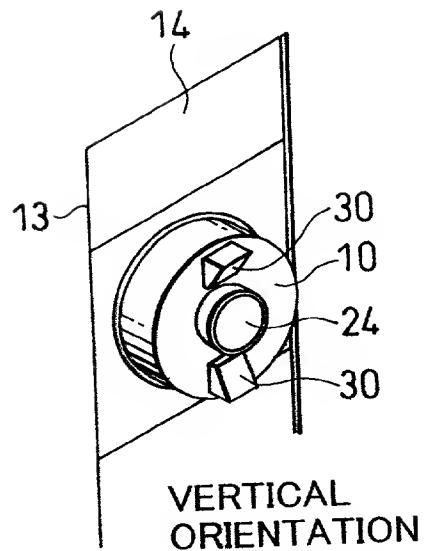


FIG.5B

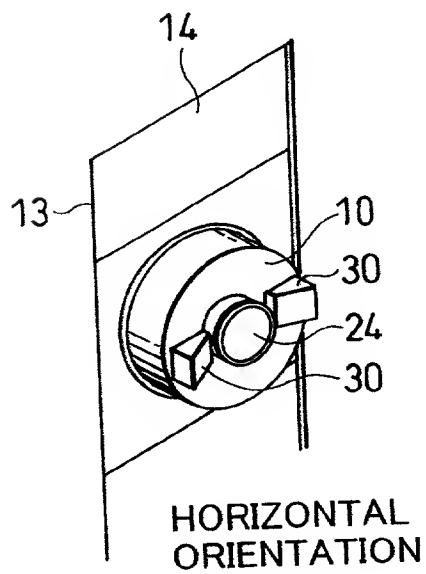


FIG.6

B-B' SECTIONAL VIEW

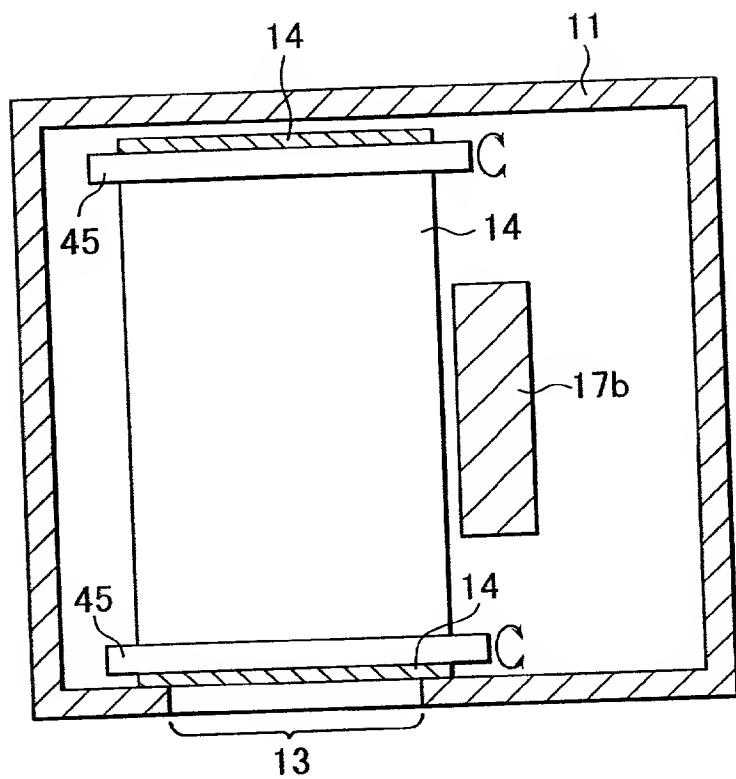


FIG.7

B-B' SECTIONAL VIEW  
(WITH PRESSURE REDUCTION FAN 48 OPERATING)

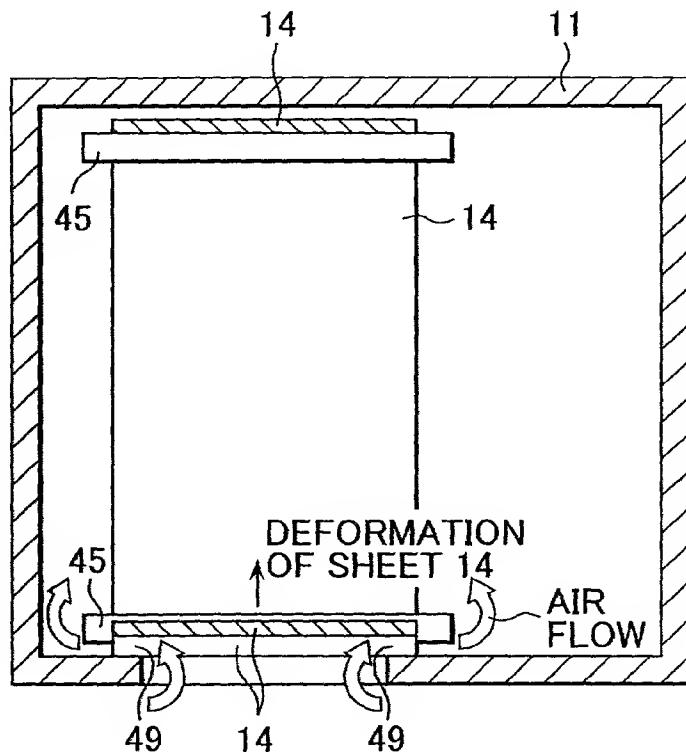


FIG.8  
A-A' SECTIONAL VIEW  
(WITH PRESSURE REDUCTION FAN 48 OPERATING)

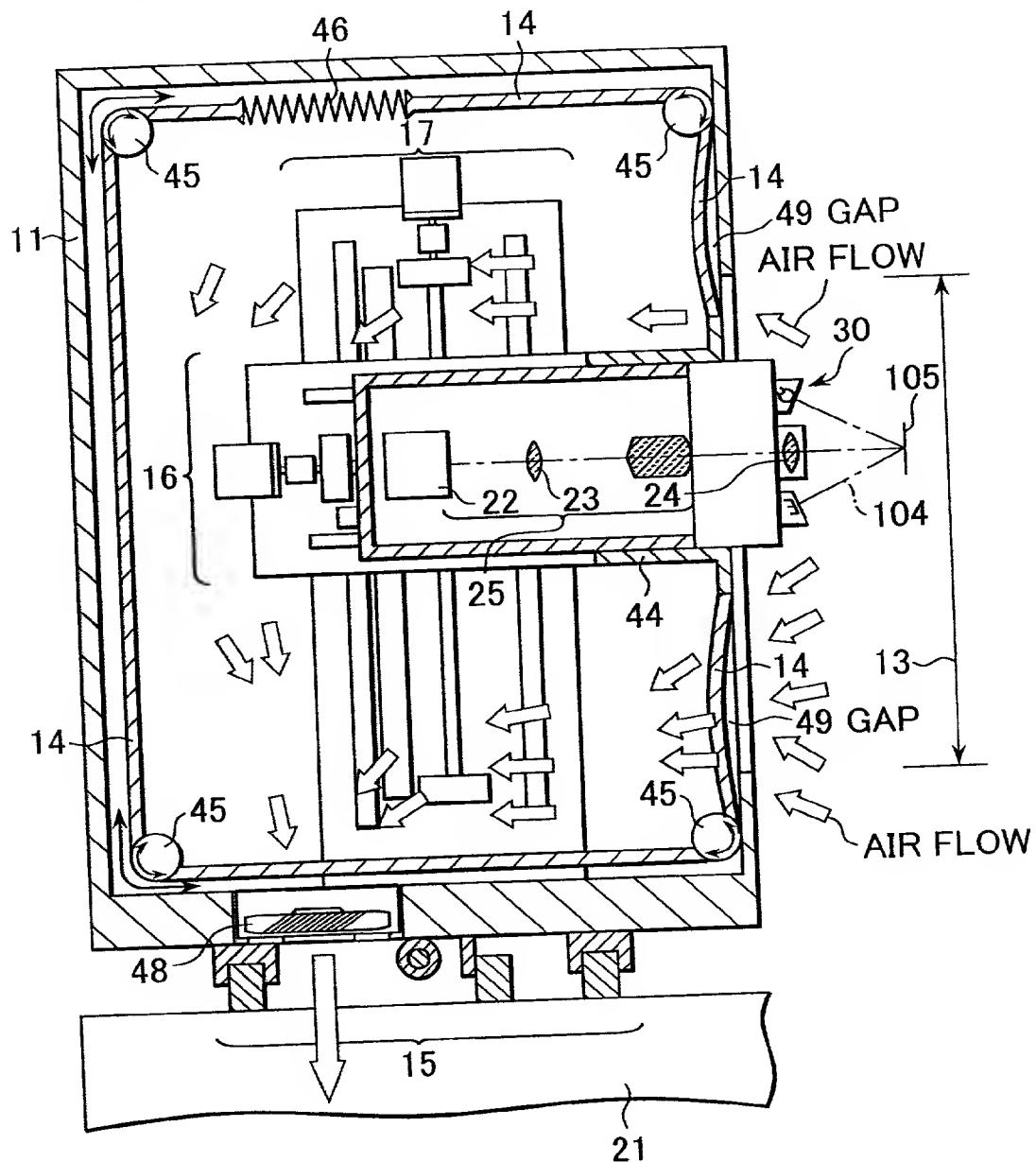


FIG.9

18

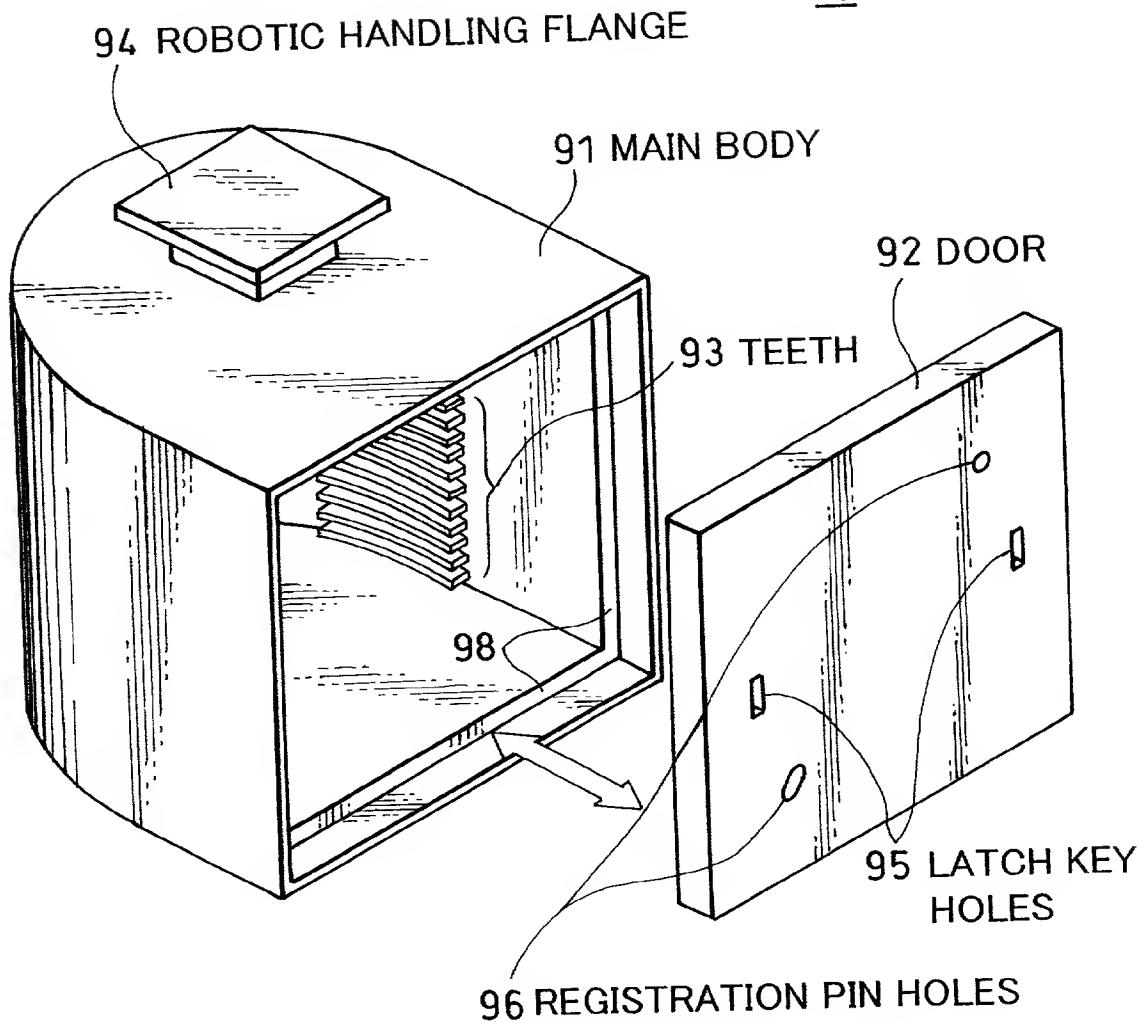


FIG.10

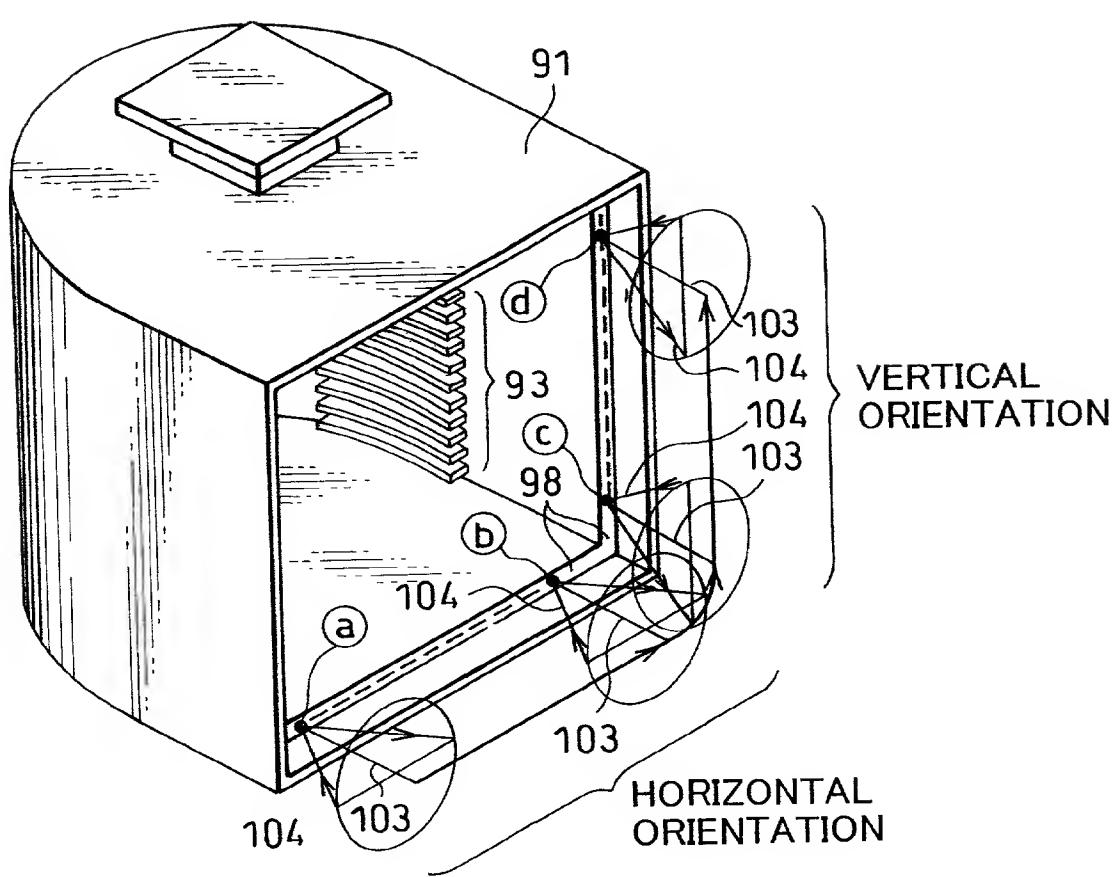


FIG.11

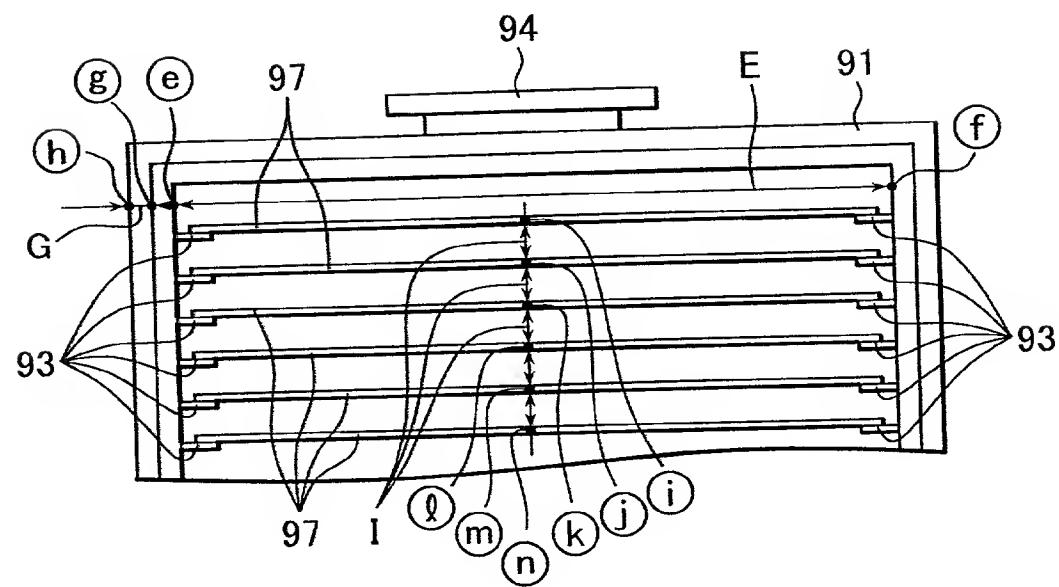


FIG.12

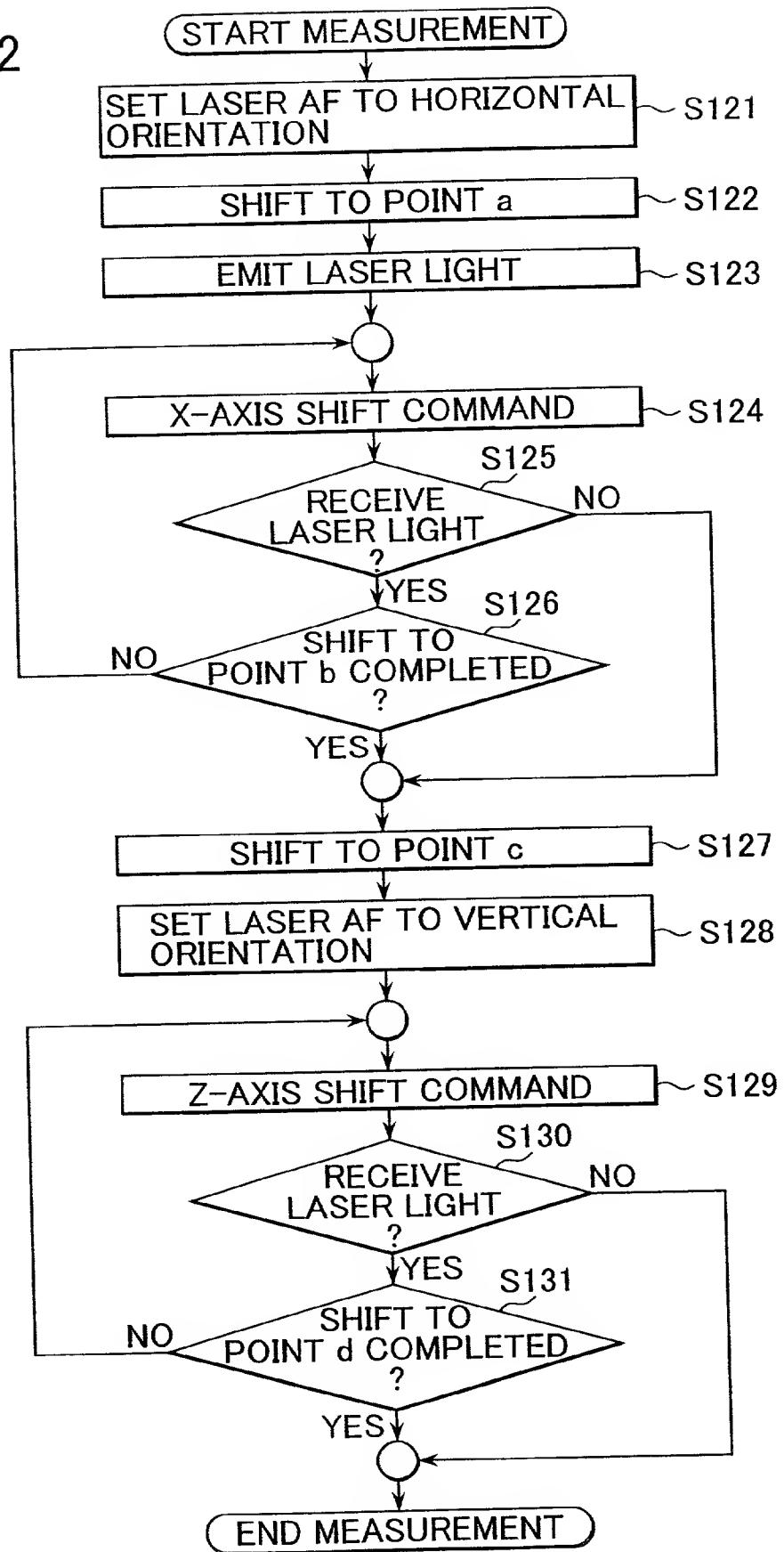


FIG.13A

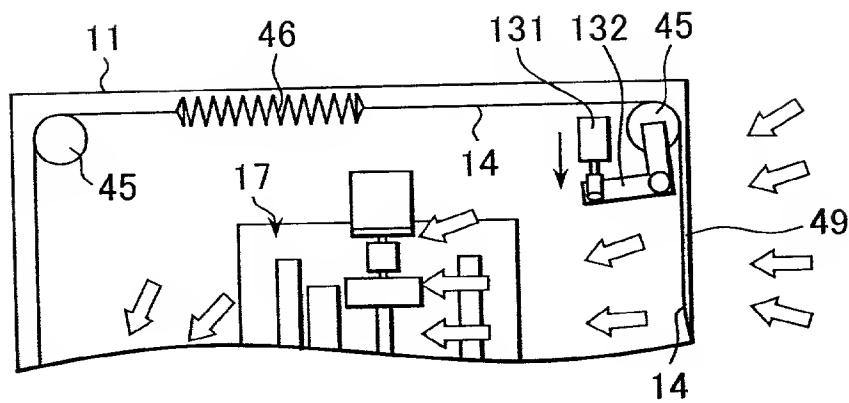


FIG.13B

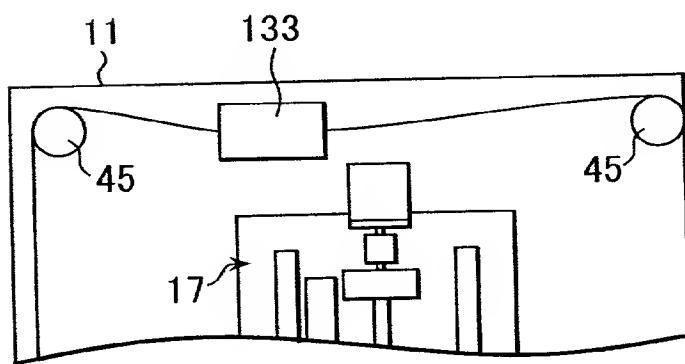


FIG.14

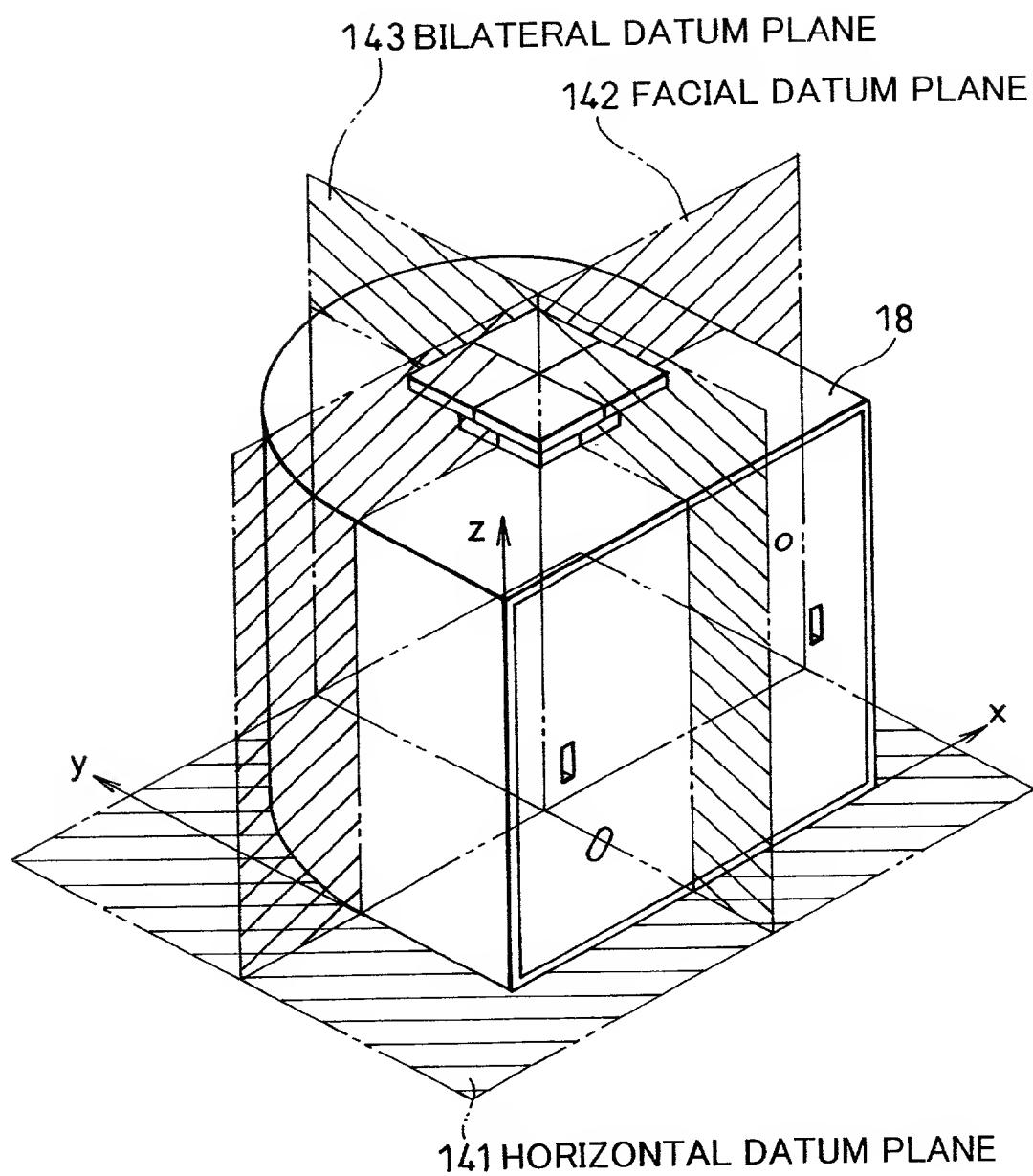


FIG.15

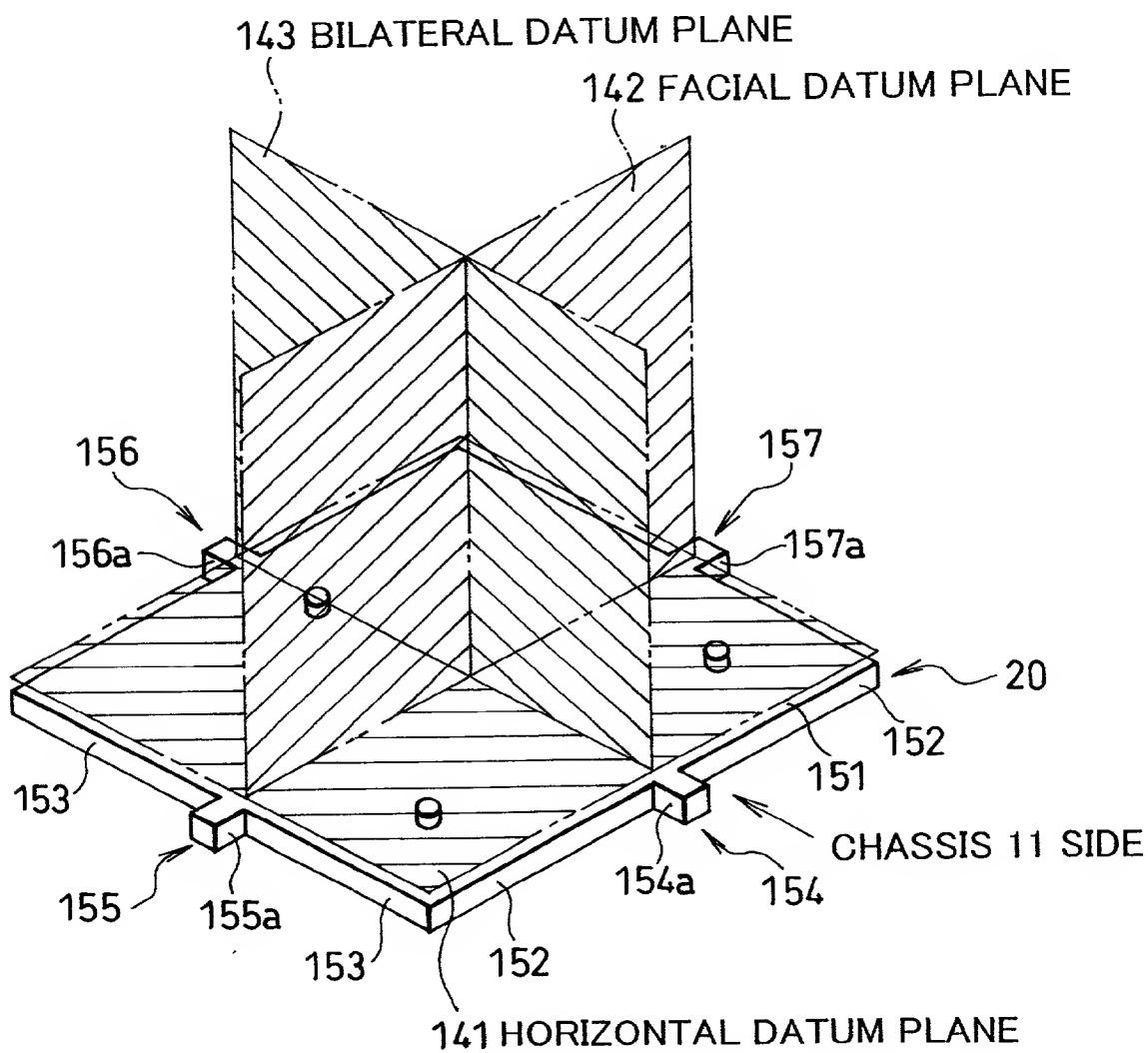


FIG.16

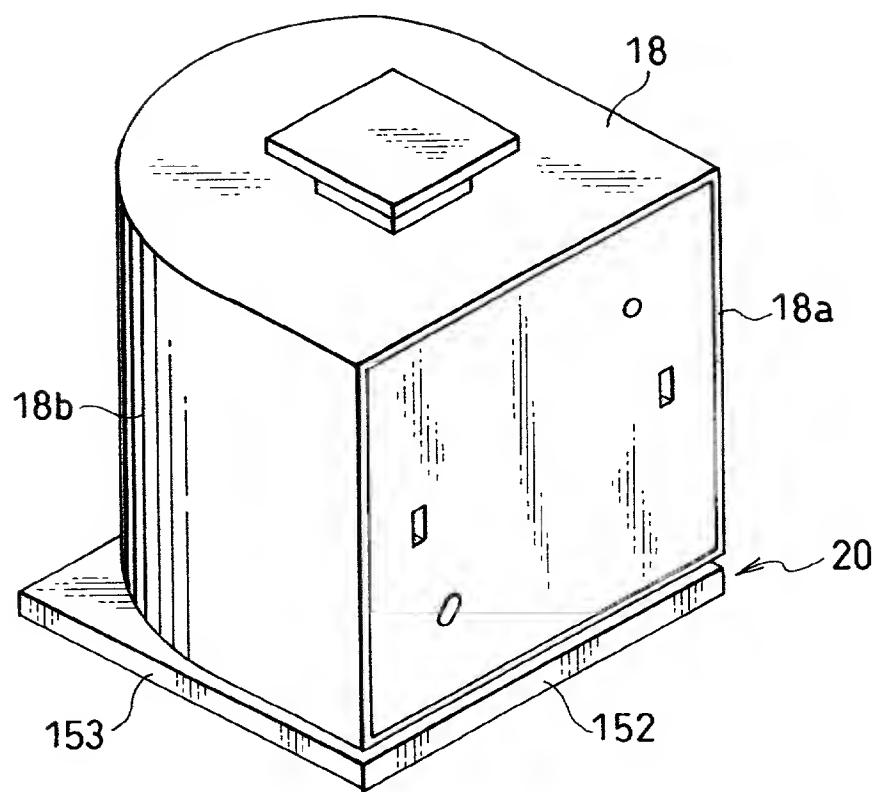


FIG.17

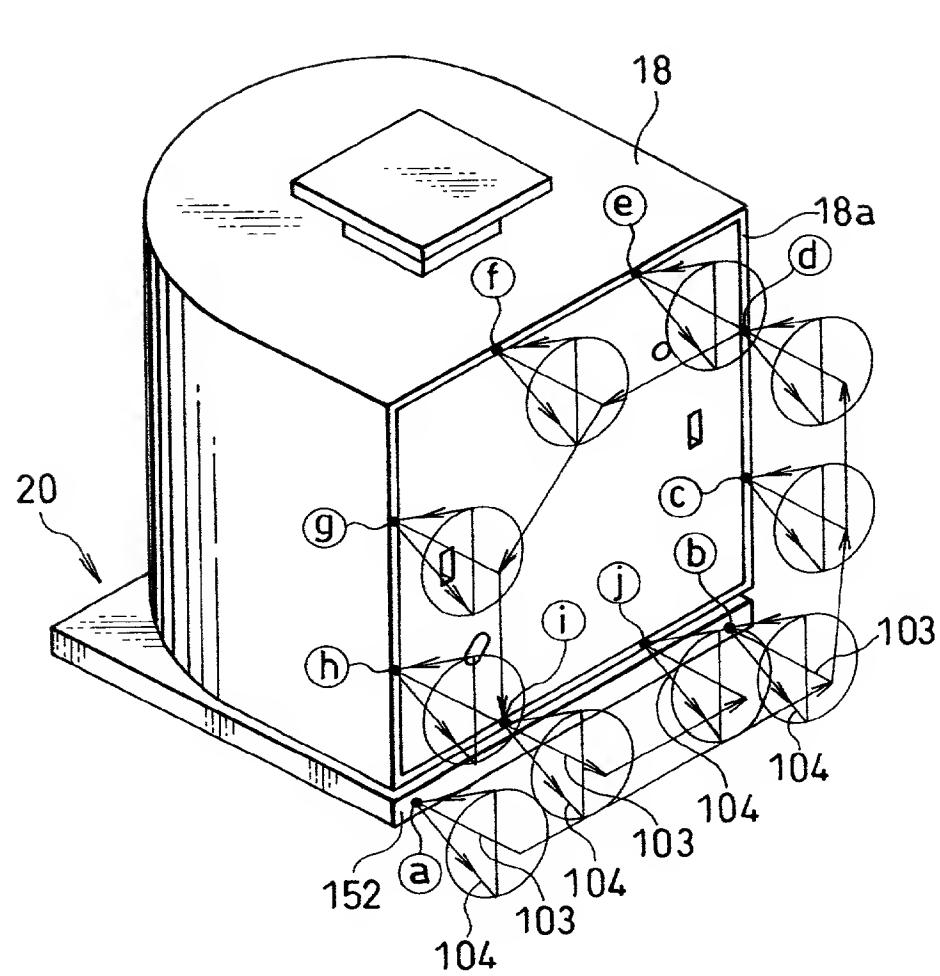


FIG.18

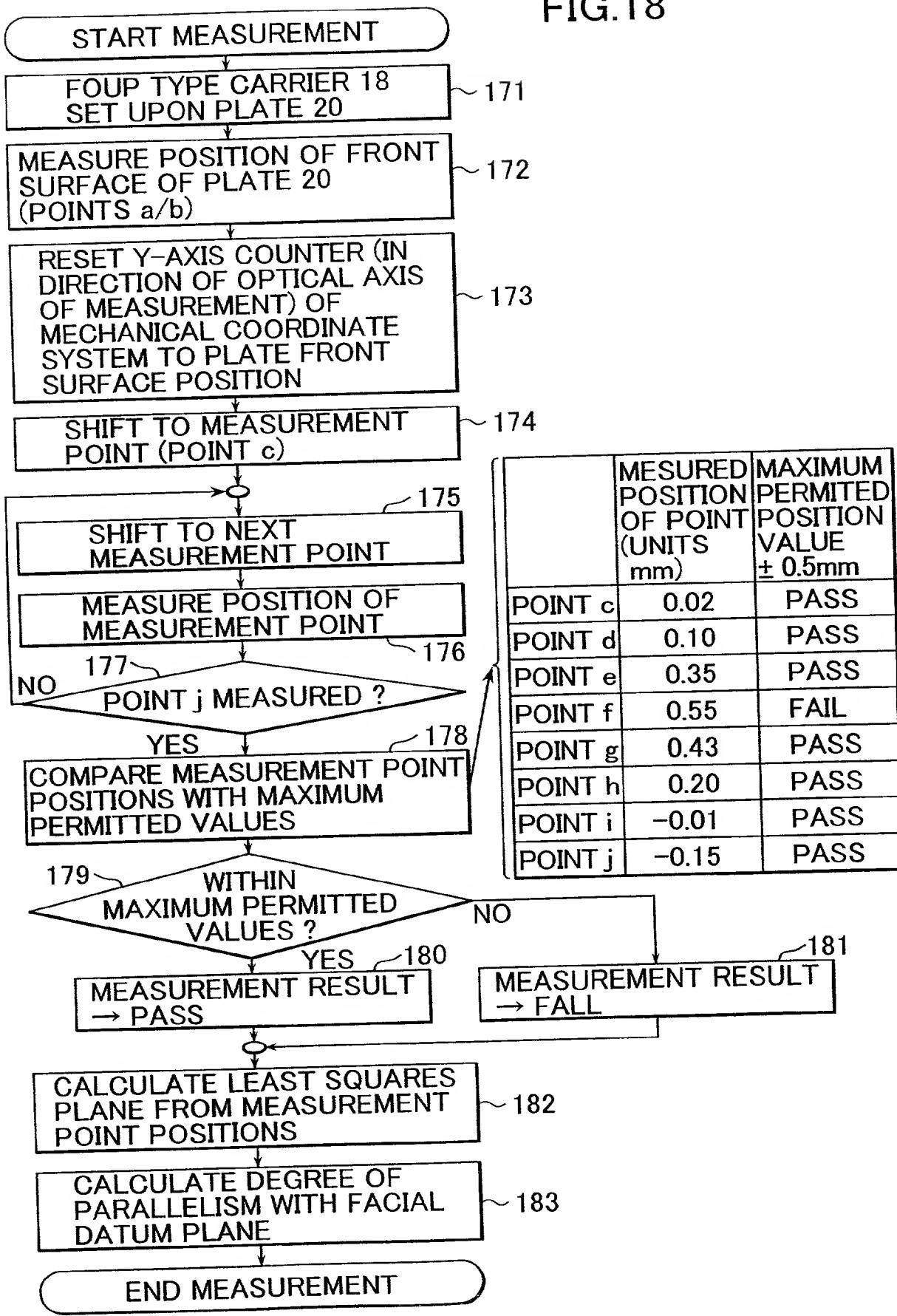


FIG.19A

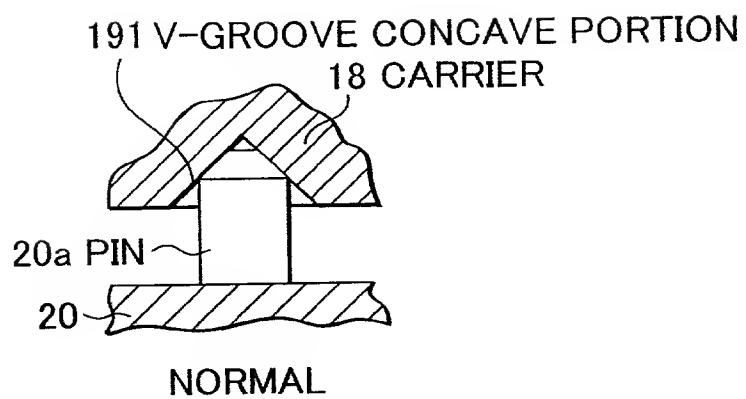


FIG.19B

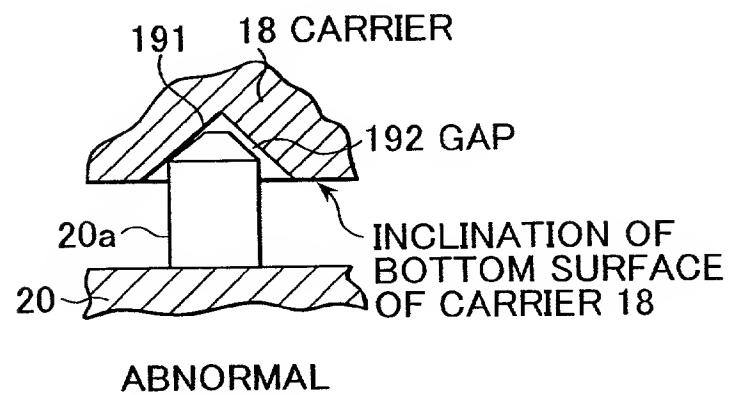
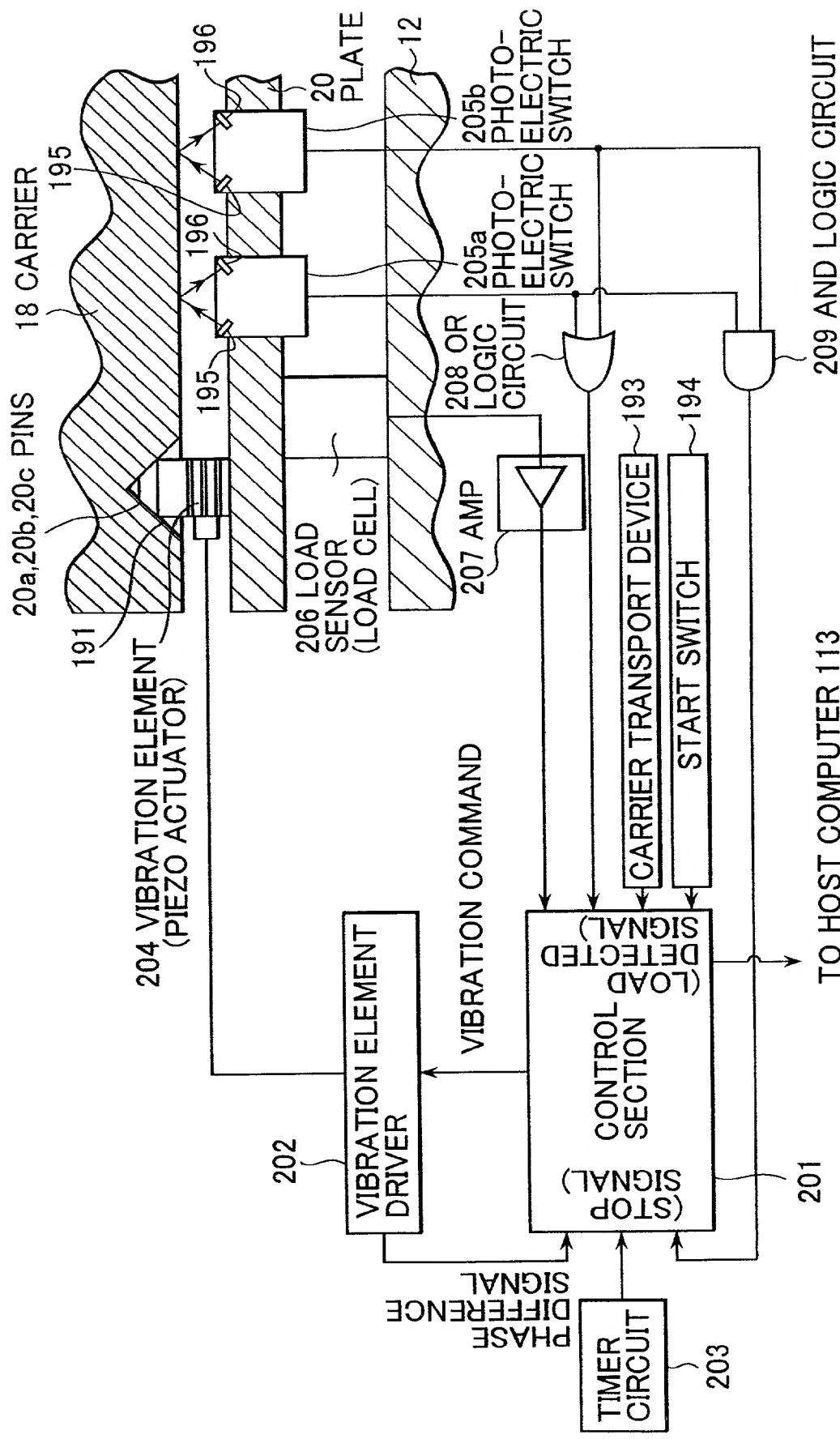
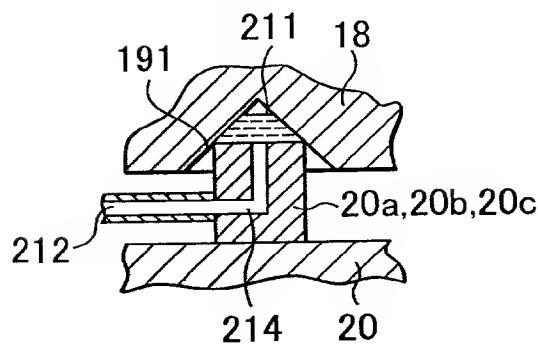


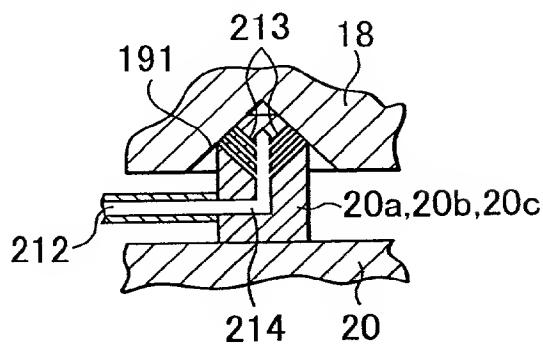
FIG.20



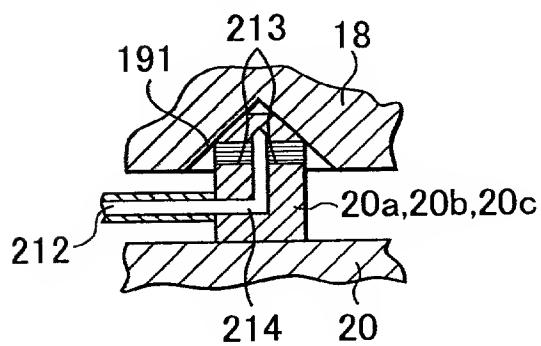
**FIG.21A**



**FIG.21B**



**FIG.21C**



**FIG.21D**

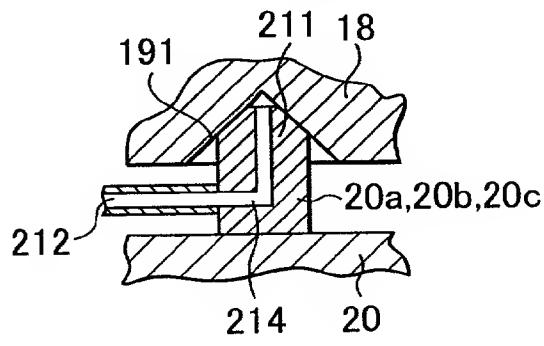


FIG.22

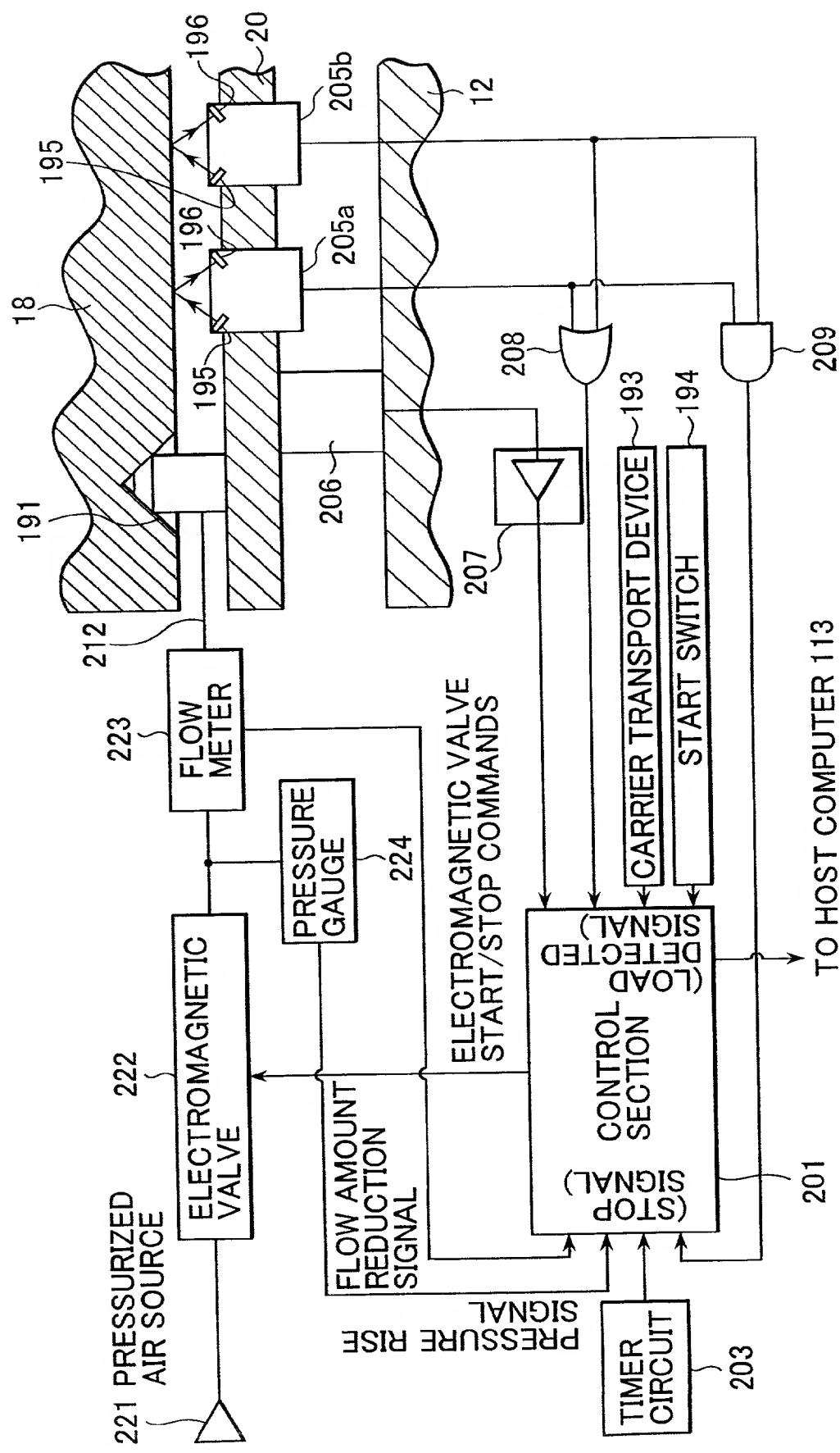


FIG.23

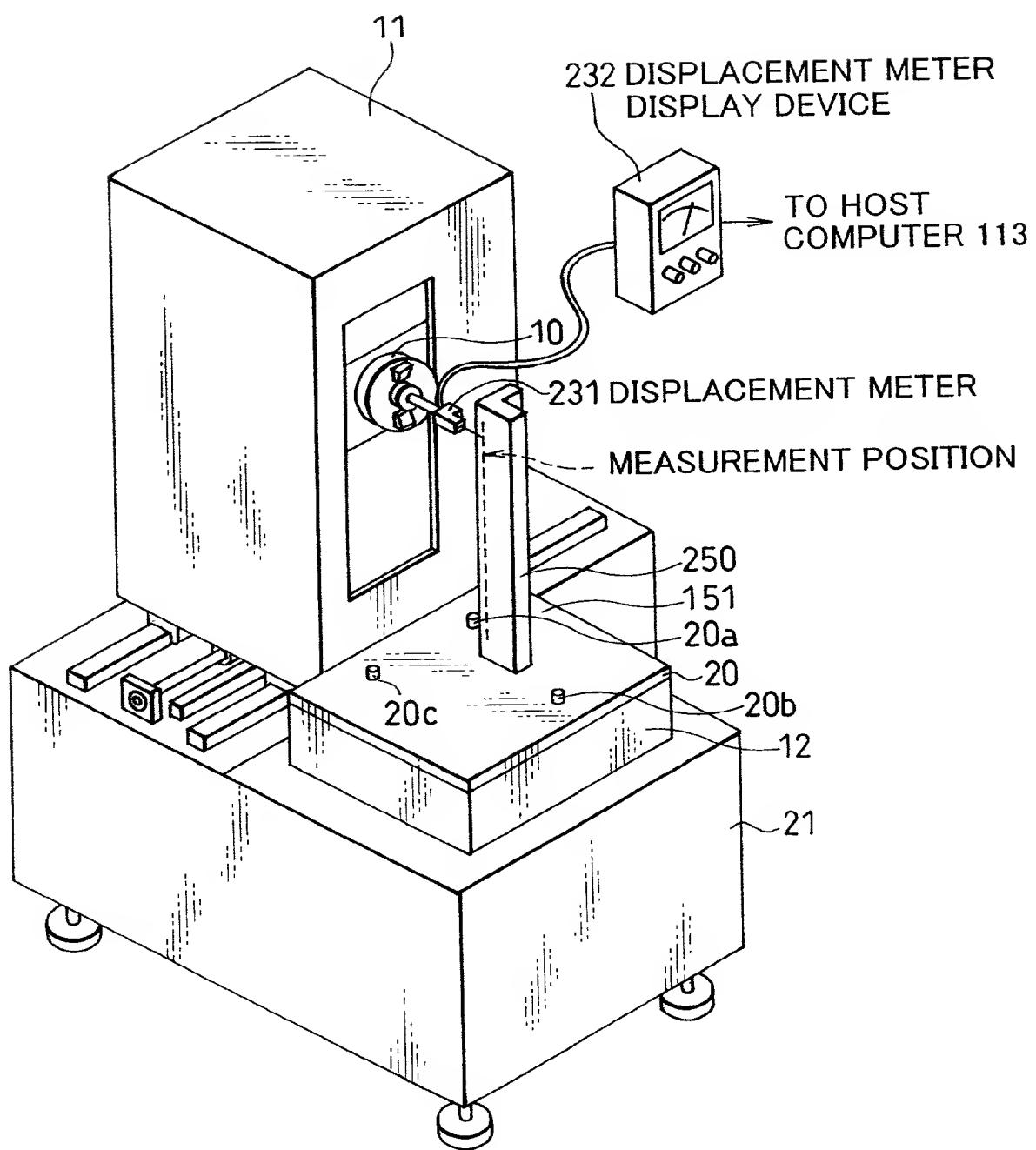
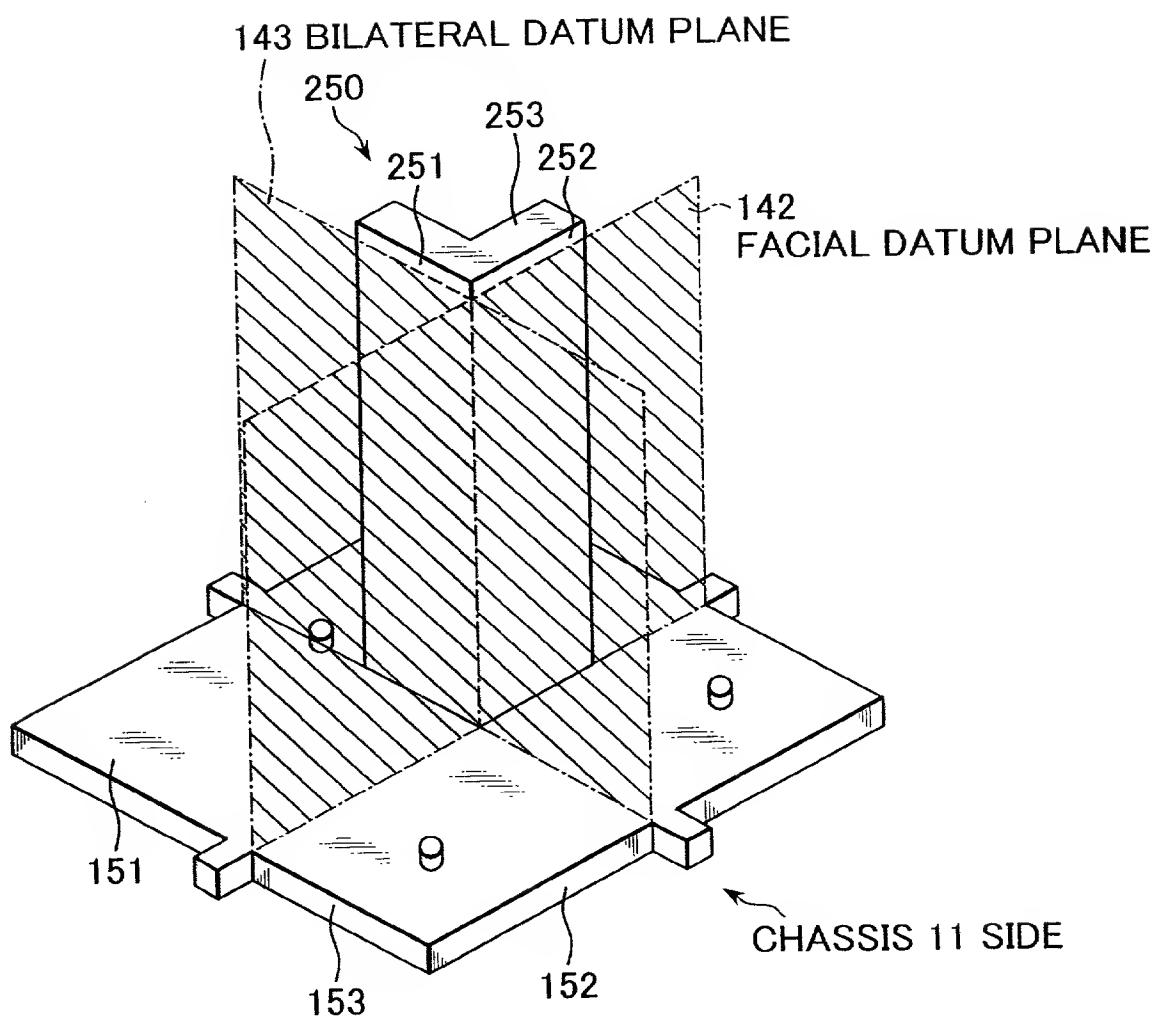


FIG.24



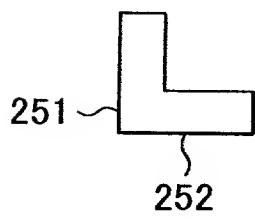


FIG.25A

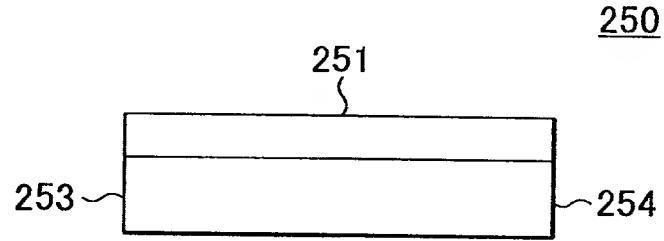


FIG.25C

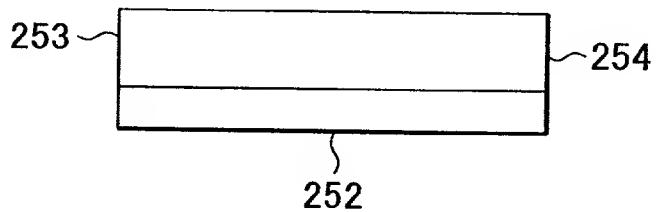


FIG.26

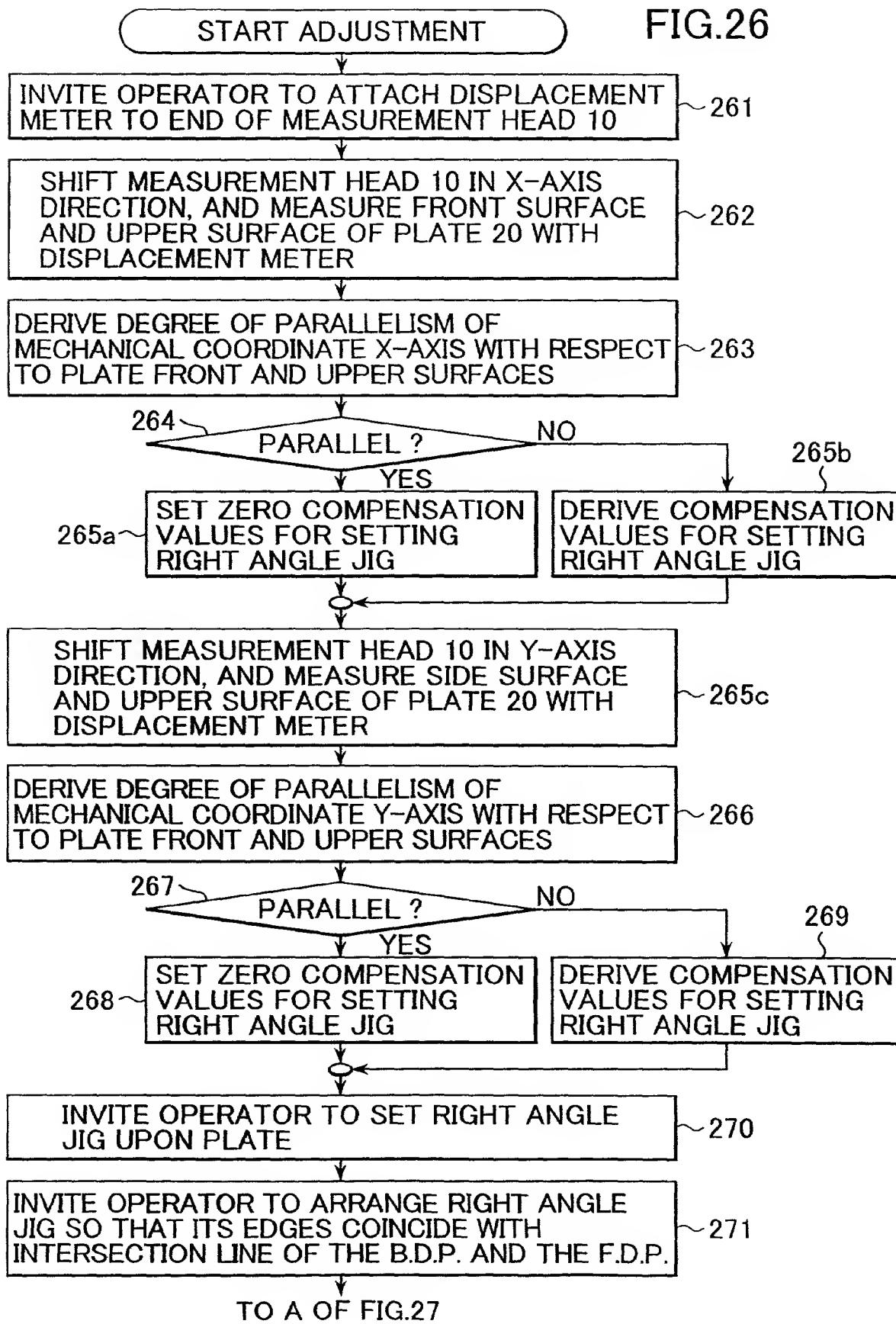


FIG.27

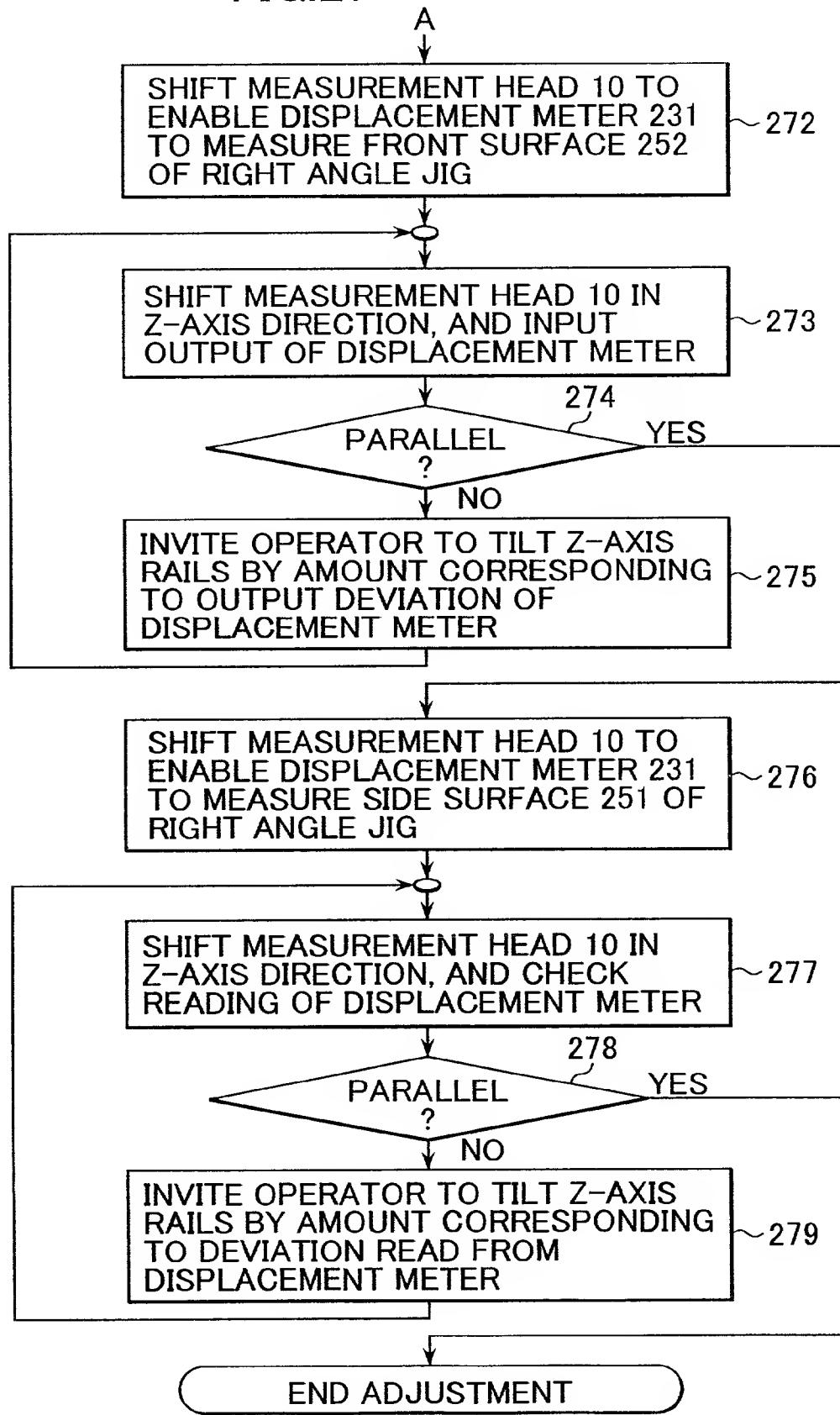


FIG.28

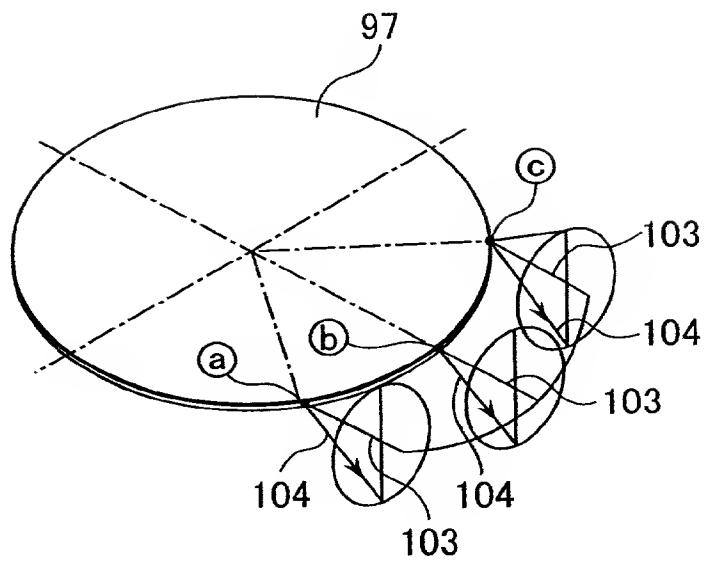


FIG.29

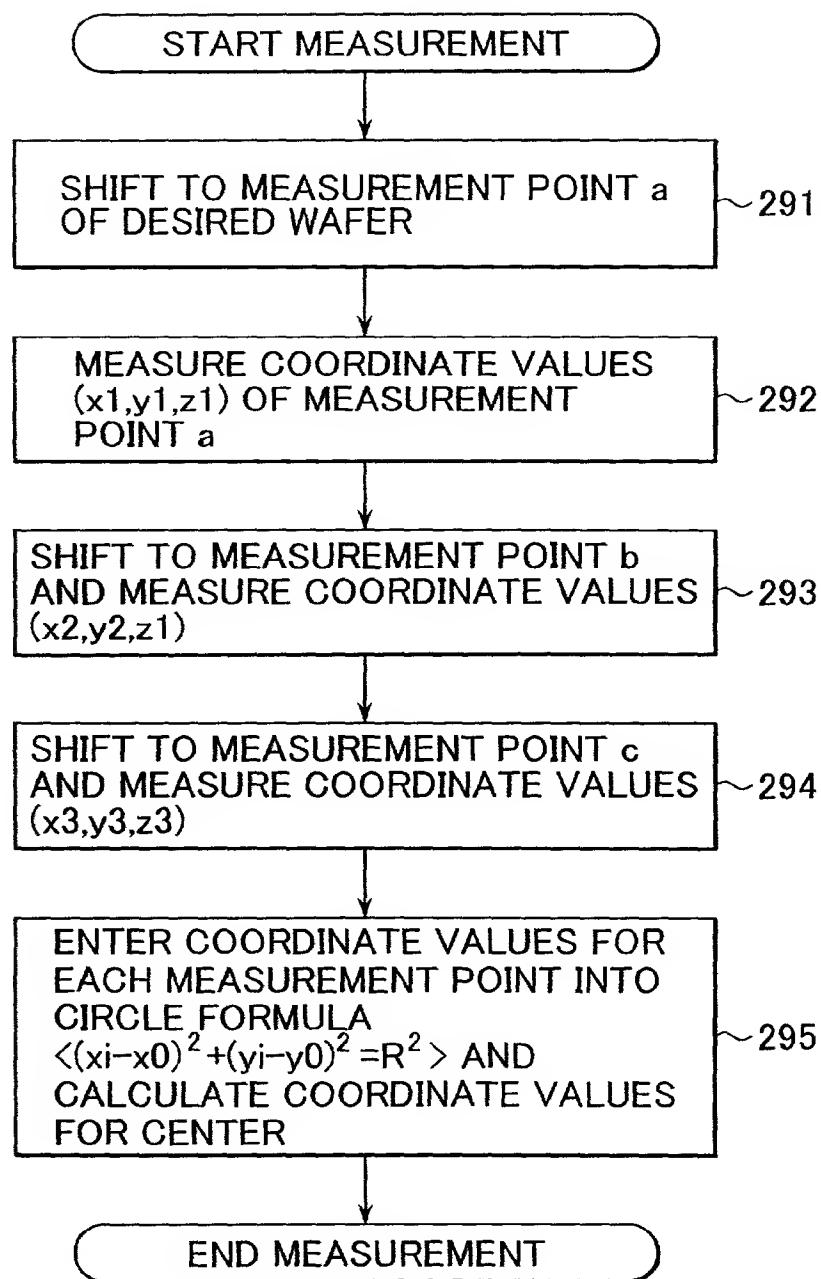


FIG.30A

WAFER 97 SECTION IN FACIAL DATUM PLANE 142

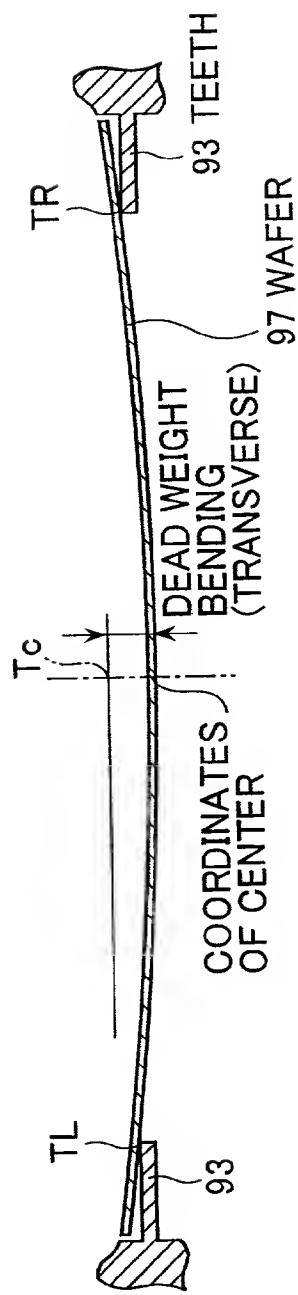
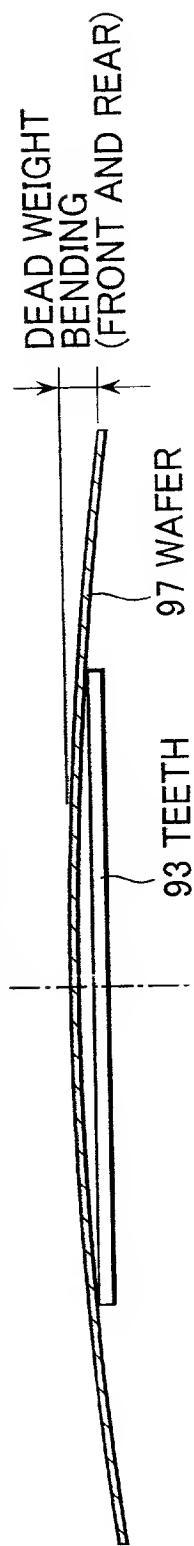


FIG.30B



# FIG.31

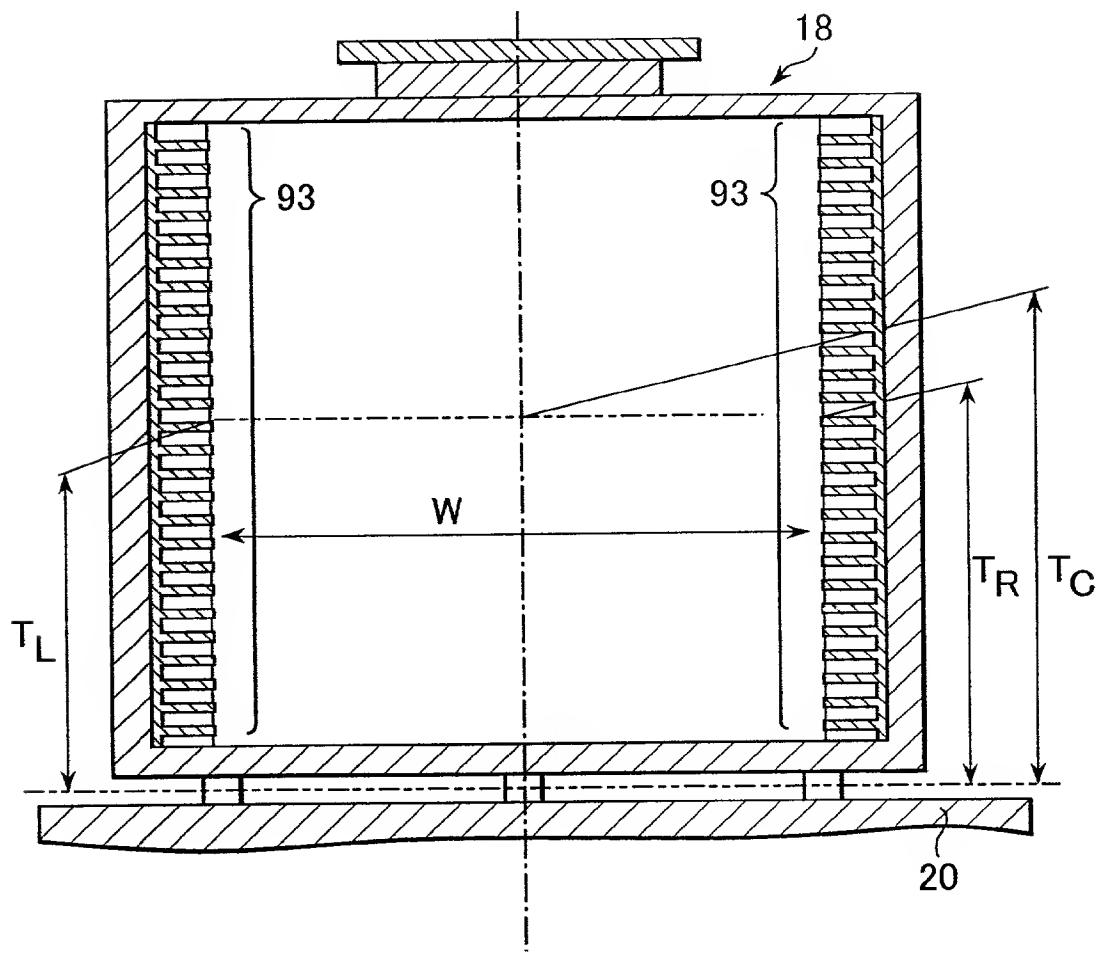


FIG.32

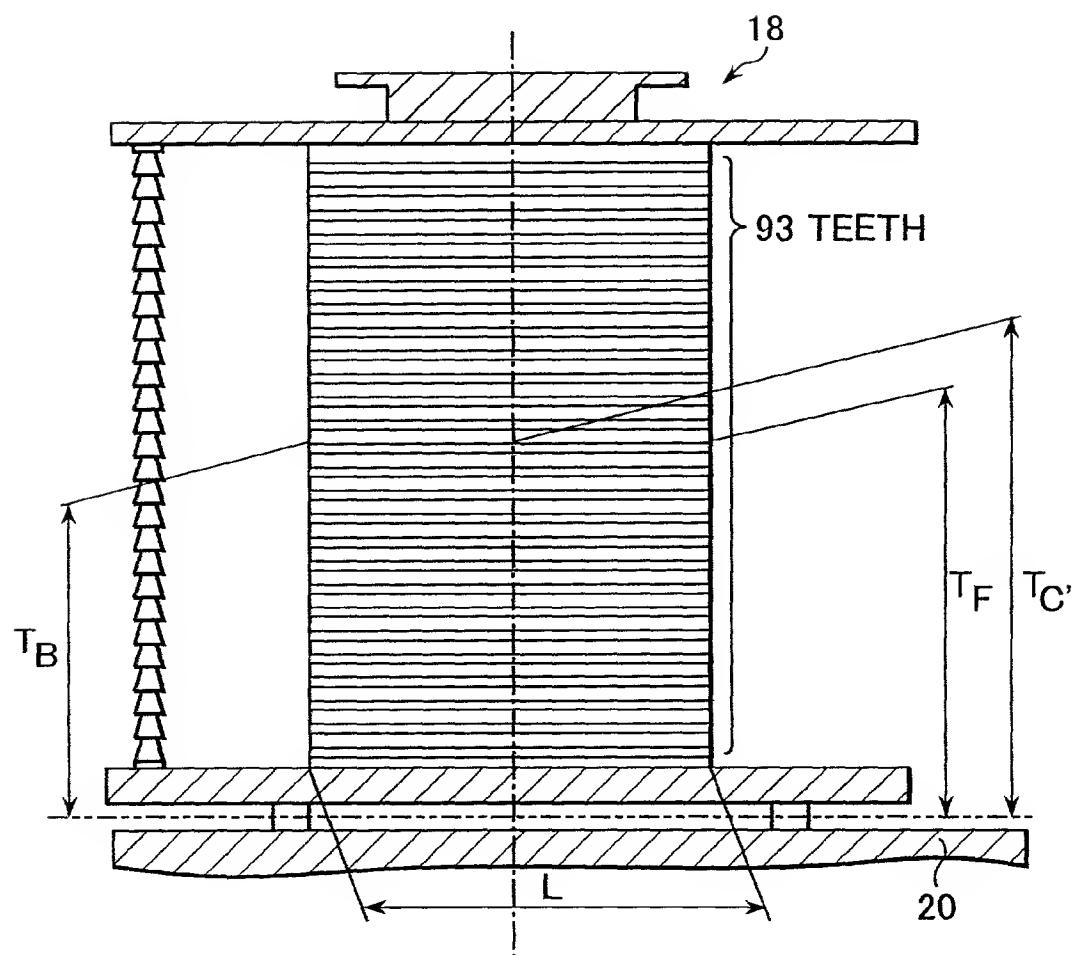


FIG.33A

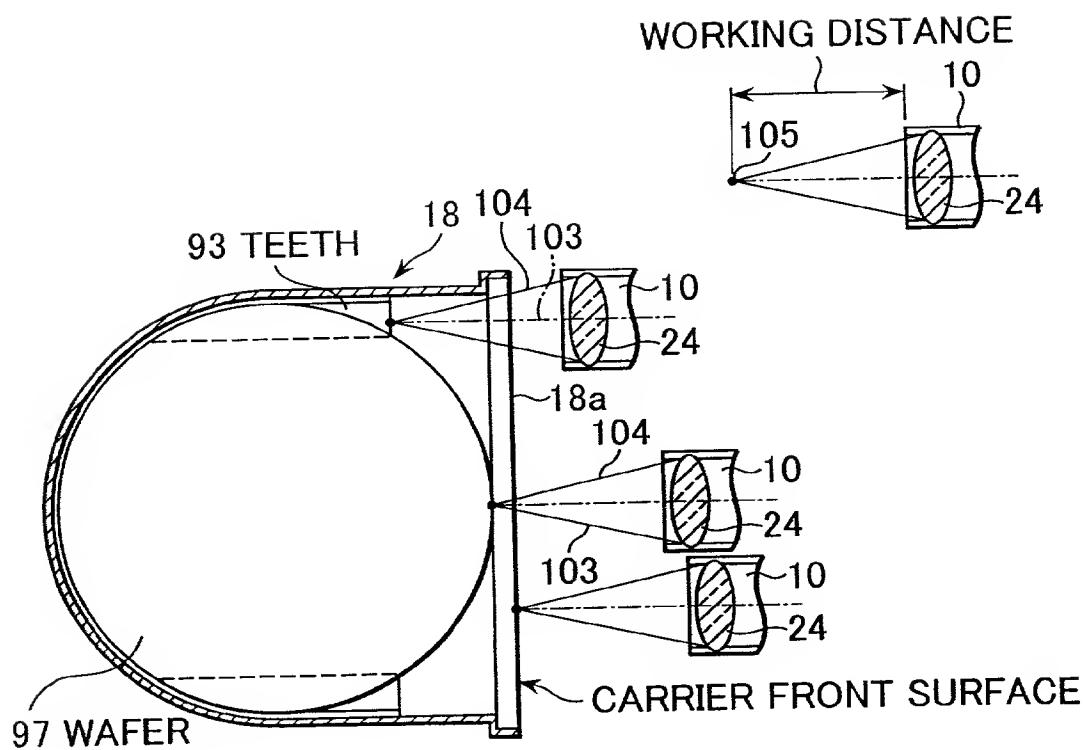
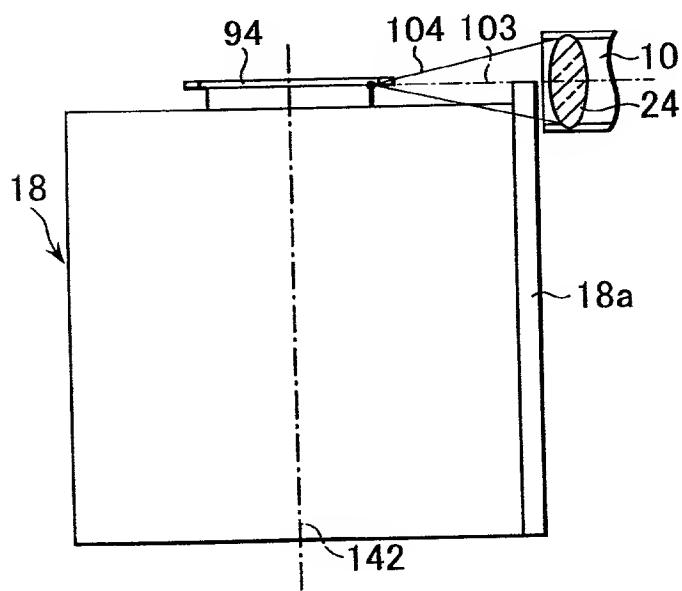


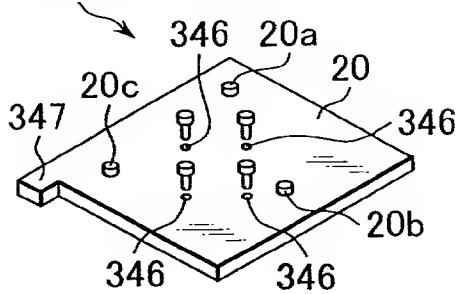
FIG.33B



**FIG.34A**

DURING MEASUREMENT  
OF CARRIER 18 FRONT  
SURFACE (xy PLANE)

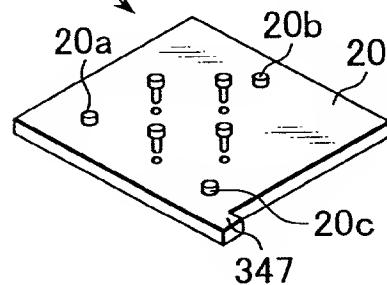
CHASSIS 11 SIDE



**FIG.34B**

DURING MEASUREMENT  
OF LEFT SURFACE  
(-yz PLANE)

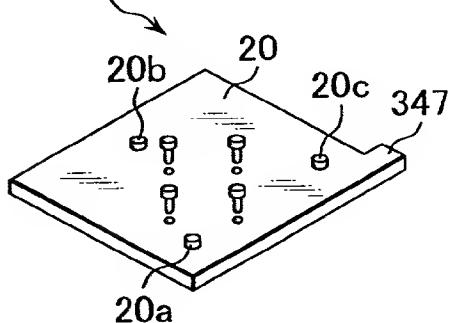
CHASSIS 11 SIDE



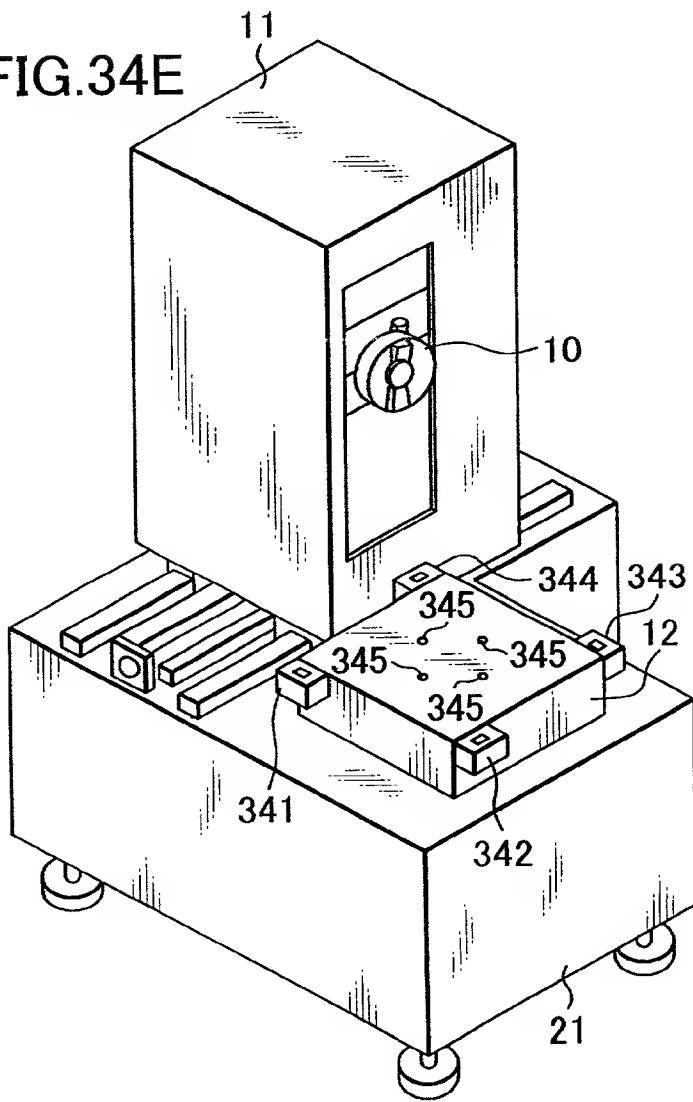
**FIG.34C**

DURING MEASUREMENT  
OF REAR SURFACE  
(-xz PLANE)

CHASSIS 11 SIDE



**FIG.34E**



**FIG.34D**

DURING MEASUREMENT  
OF RIGHT SURFACE  
(yz PLANE)

CHASSIS 11 SIDE

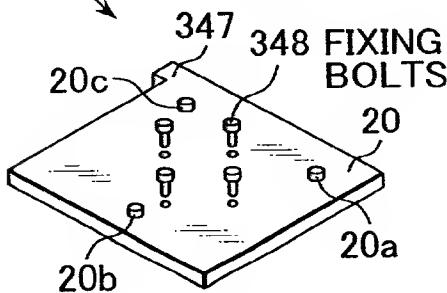


FIG. 35

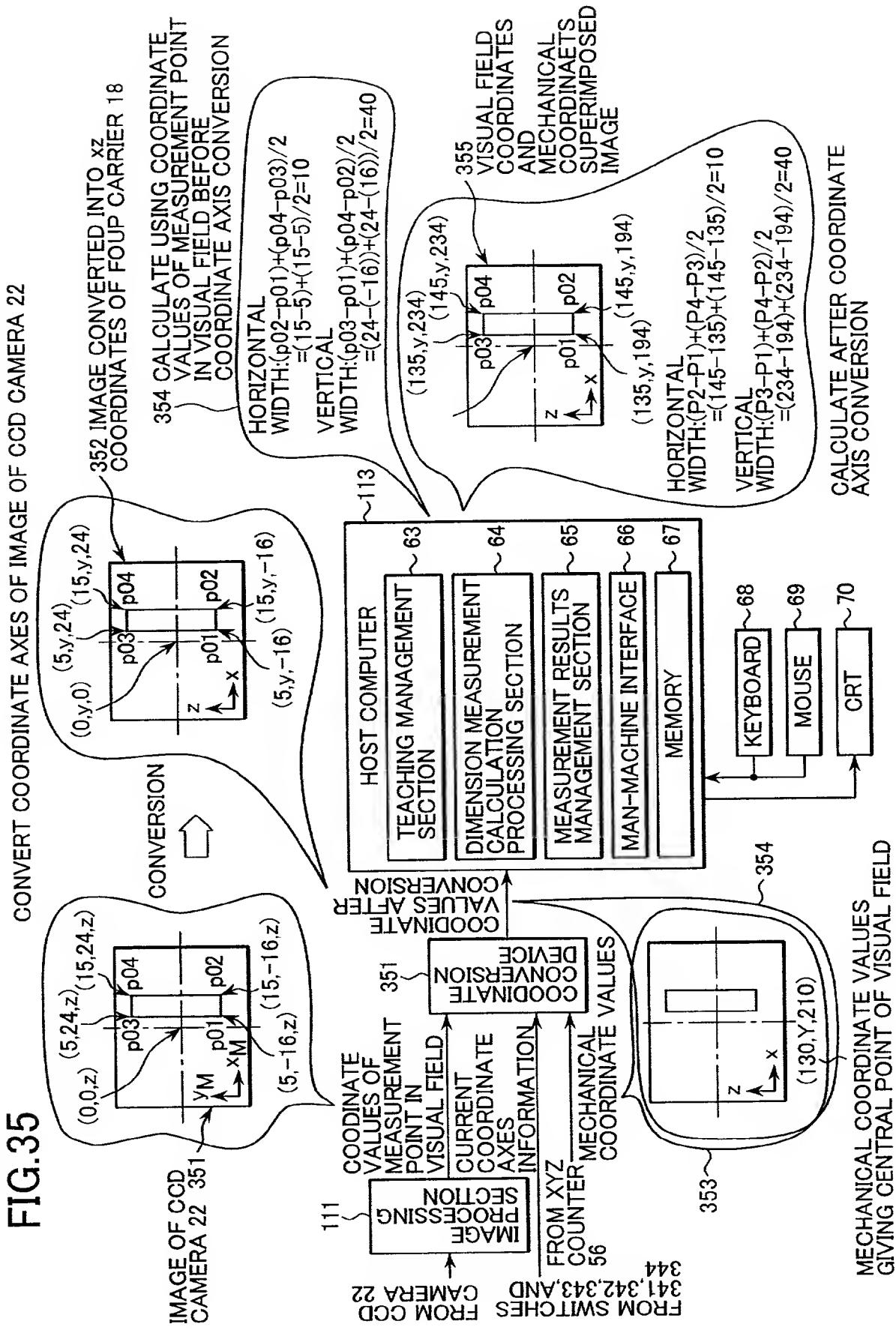
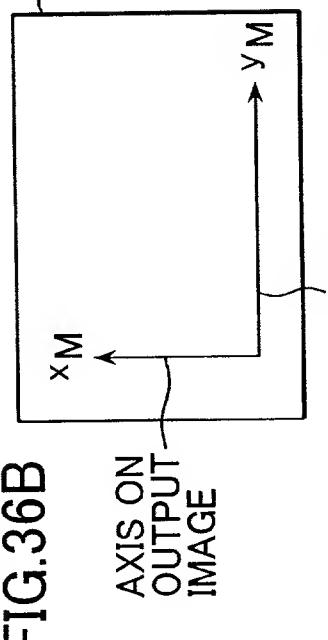


FIG.36A

FOUD (PLATE) DIRECTION SWITCH DETECTION	VISUAL FIELD COORDINATE SYSTEM		MECHANICAL COORDINATE SYSTEM	
	ORIGINAL COORDINATES IN IMAGE FROM CCD CAMERA 22	COORDINATES AFTER CONVERSION (SURFACE OF CARRIER 18 WHICH IS PHOTOGRAPHED)	ORIGINAL COORDINATES OF XYZ COUNTER 56 GIVING SURFACE FACING MEASUREMENT	COORDINATES AFTER CONVERSION (SURFACE OF CARRIER 18 WHICH IS PHOTOGRAPHED)
FRONT SURFACE	SW 341	xz	5,y,24	xz
LEFT SURFACE	SW 342	-yz	x,-5,24	-yz
REAR SURFACE	SW 343	-xz	-5,y,24	-xz
RIGHT SURFACE	SW 344	yz	x,5,24	yz

FIG.36B  
IMAGE OUTPUT FROM  
CCD CAMERA 22



AXIS ON  
OUTPUT IMAGE

FIG. 37

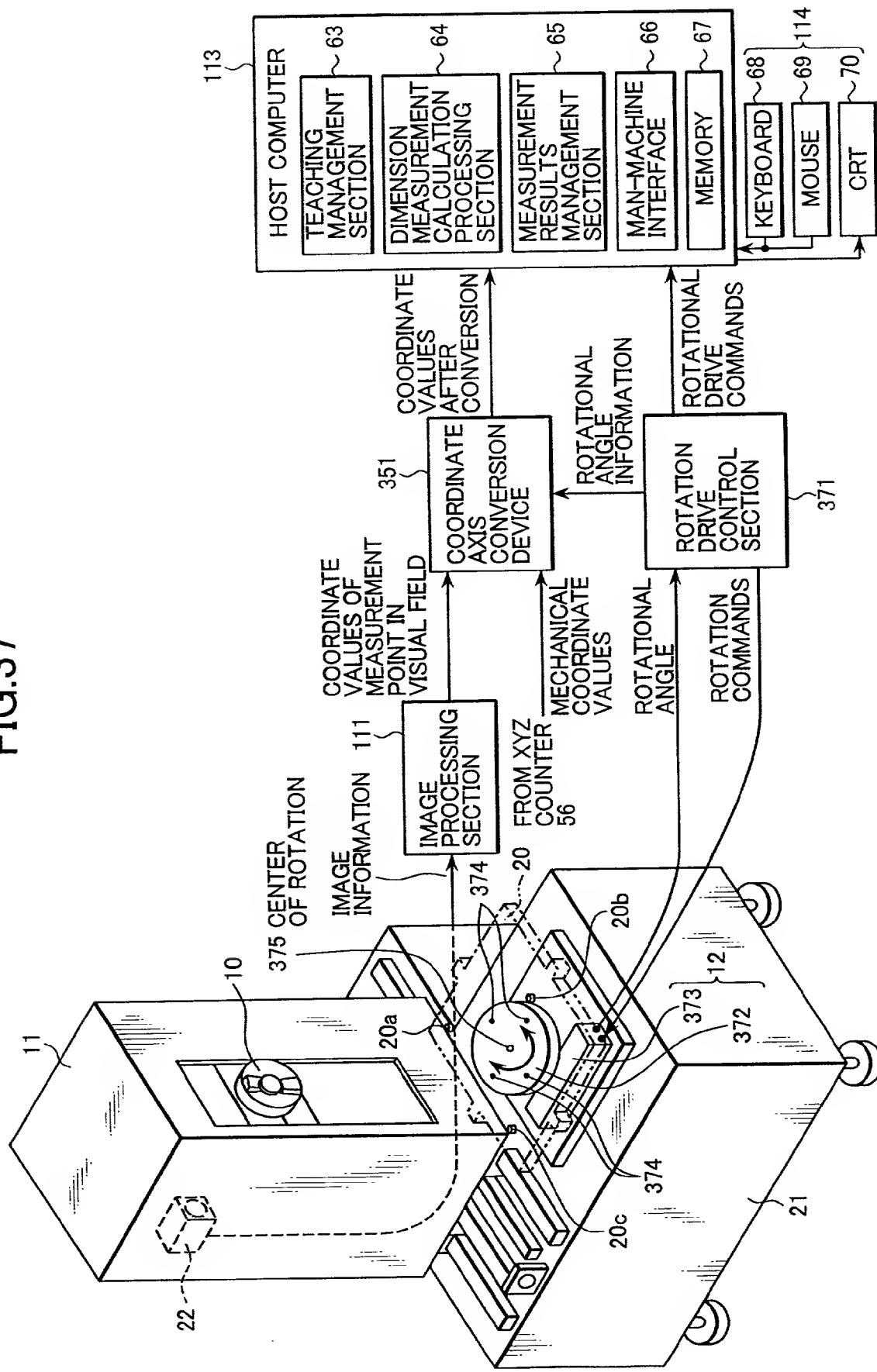


FIG. 38

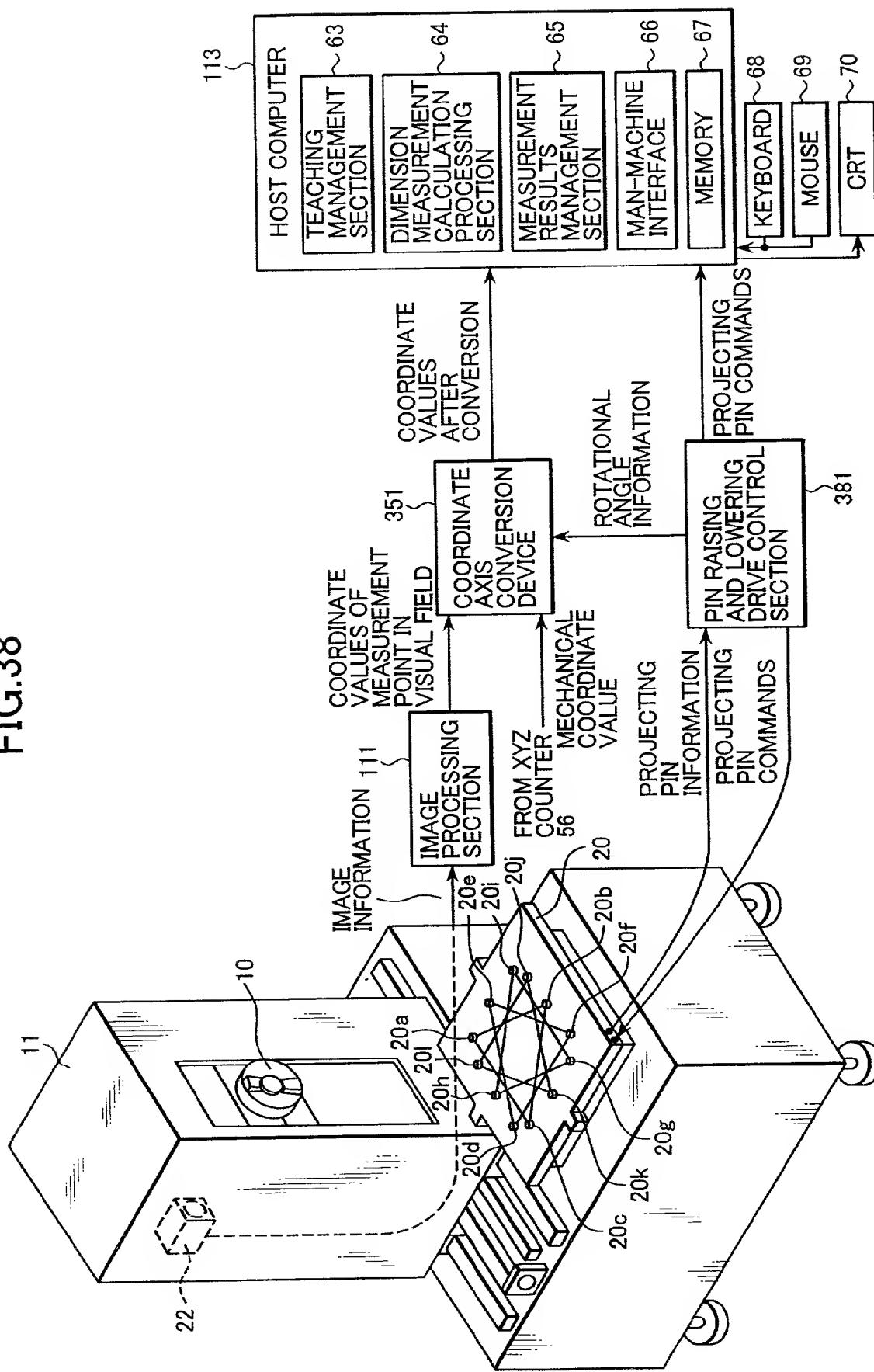


FIG.39A  
(WHEN HOUSED)

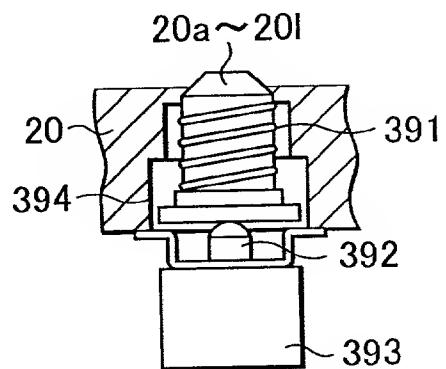


FIG.39B  
(WHEN PROJECTED)

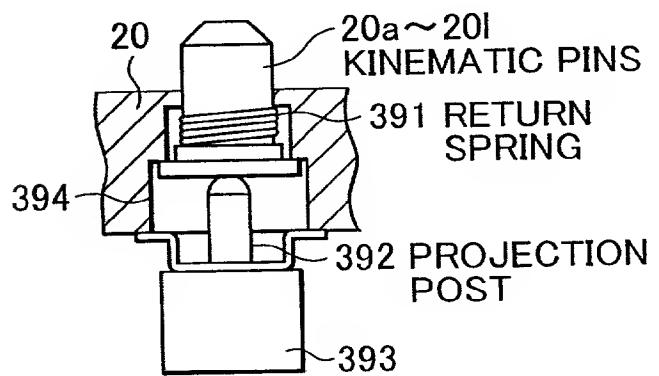


FIG.40

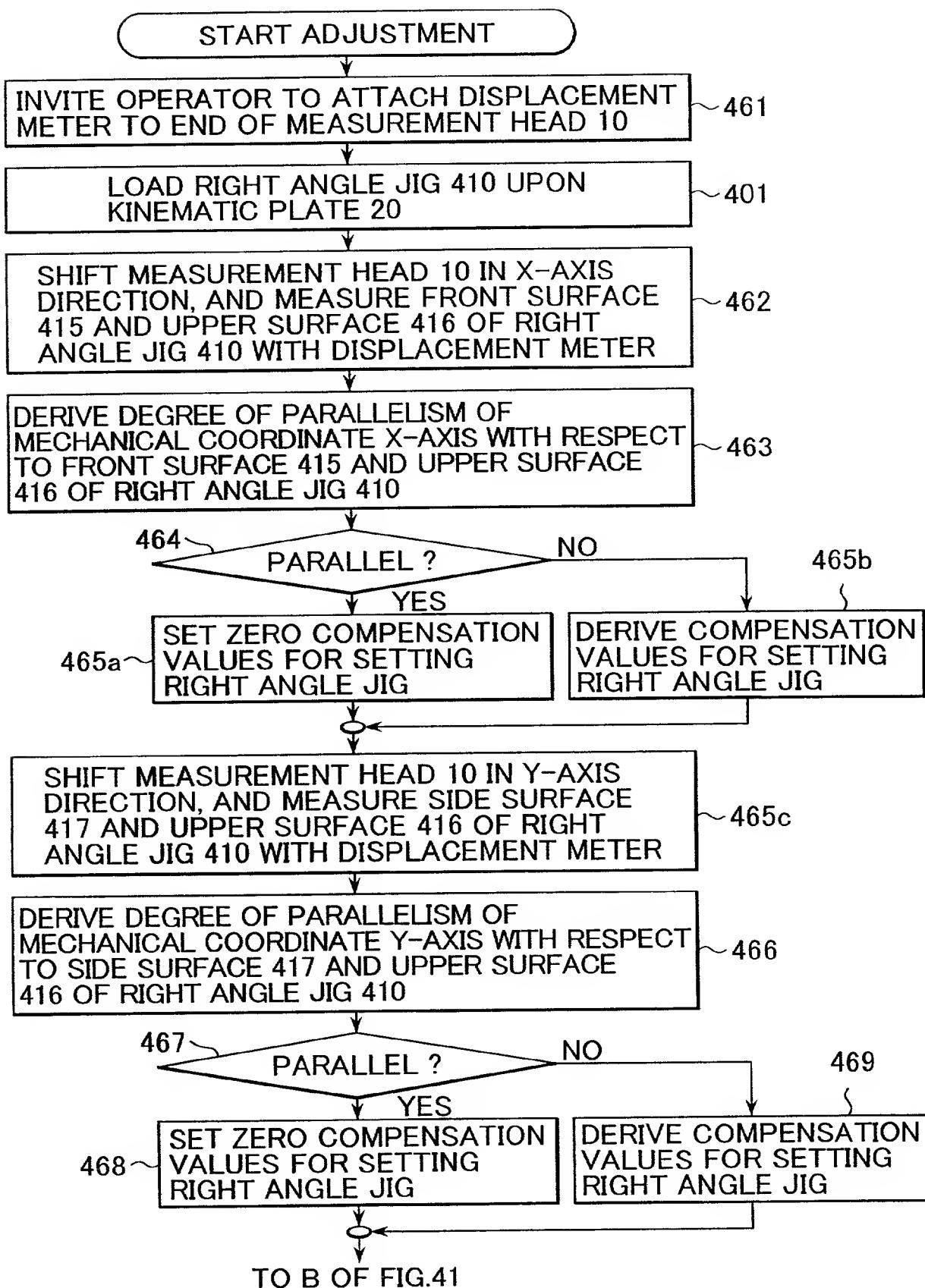


FIG.41

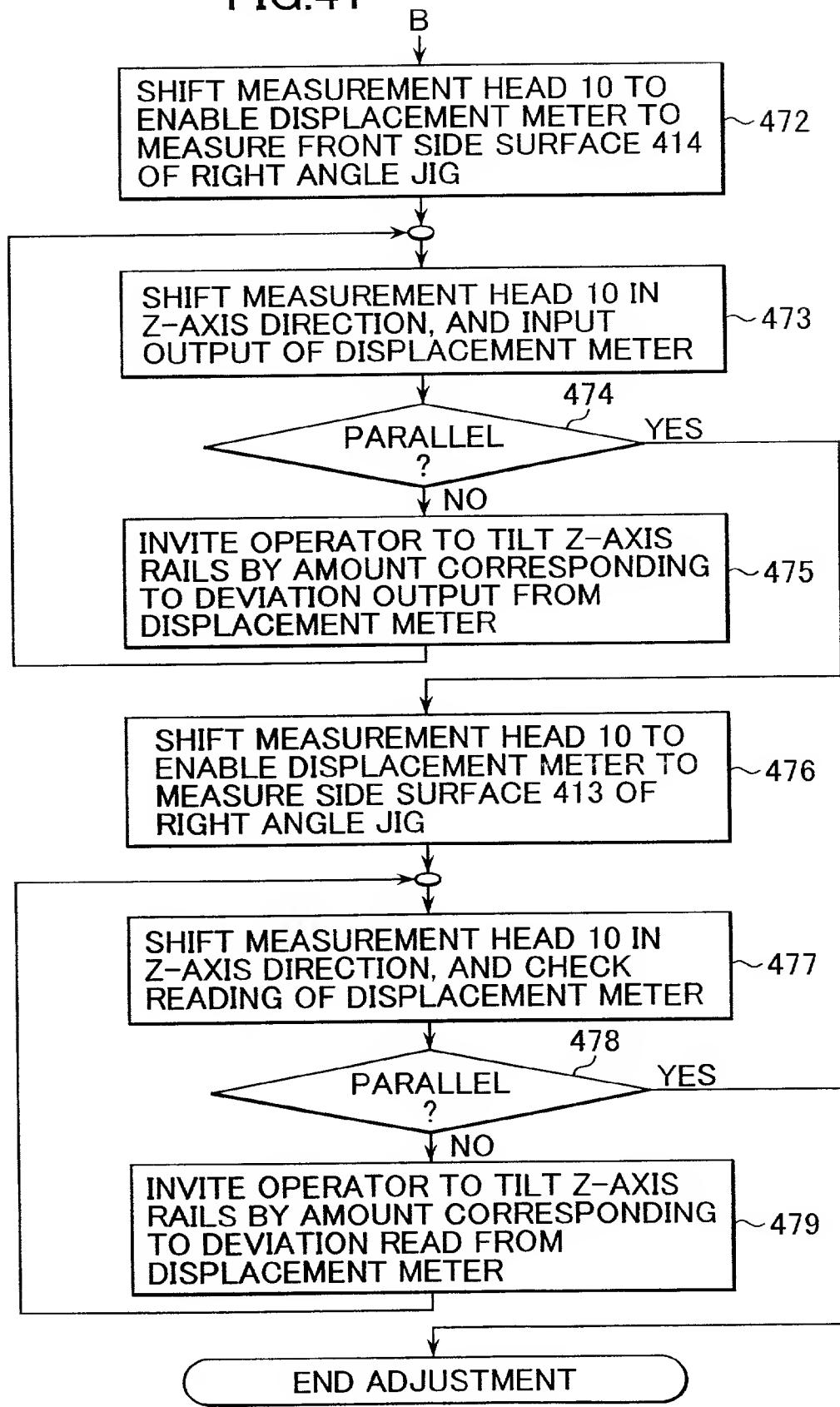


FIG.42A

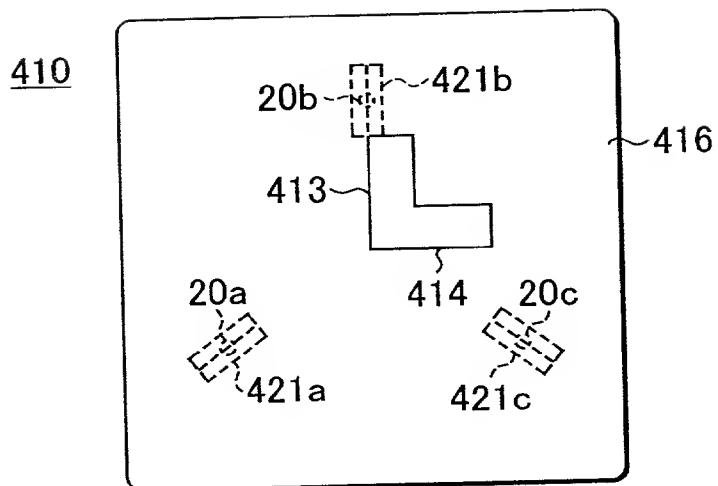


FIG.42B

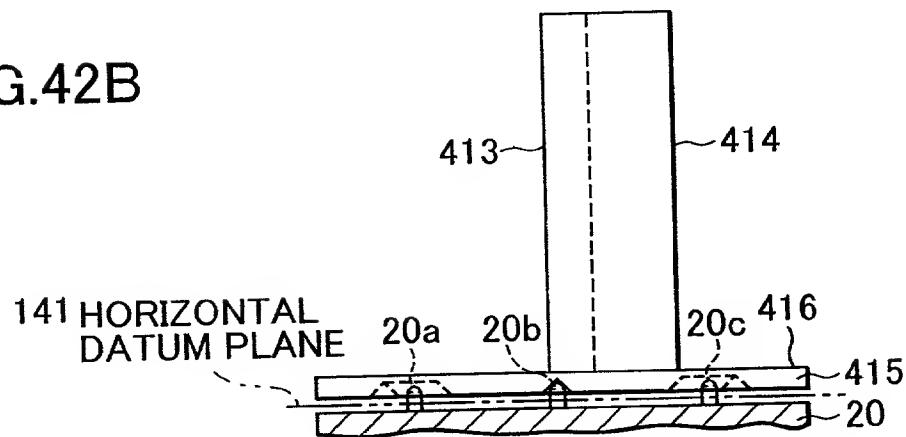


FIG.42C

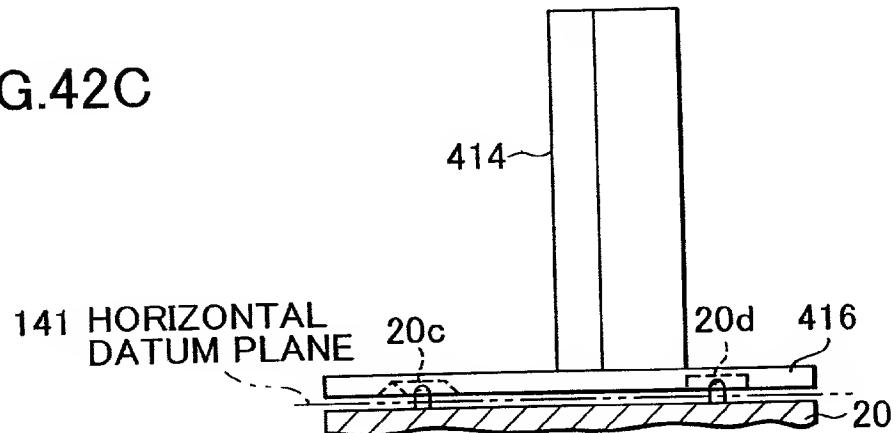


FIG.43

